

10/510148

SEQUENCE LISTING

DT04 Rec'd PCT/PTO 05 OCT 2004

<110> Emory University

<120> PRLZ REGULATORY ELEMENTS IN THE
TREATMENT OF DISEASE AND THE DISCOVERY OF THERAPEUTICS

<130> 12804-008W01

<140> PCT/US03/10536

<141> 2003-04-07

<150> US 60/370,557

<151> 2002-04-05

<160> 19

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 12000

<212> DNA

<213> Homo sapiens

<400> 1

atctcacctc	ttataattat	gtgatctttt	ttttttttta	aattgtggta	gaatgtgtat	60
aacacggaat	ttgtgatttt	actctctctt	cacgagatct	acagttttta	gctccacttg	120
agtgagaacg	tgtgacagtt	gtatttctgt	tcttagctta	tttcacttaa	cataatgacc	180
tctagttcca	cccatgttgc	tgcaaatgac	aagattcatt	tttttatggc	caagtagtaa	240
taaattgtgt	atatatacca	caattttctt	tattcaacta	ttaatgaata	taggttgatt	300
ccatatcatt	gctattgtga	atagtgcctc	aataaacgcg	cacgtgcaaa	tatccttgac	360
atctgatttc	tttacatttg	ggcaaatacc	cagtagtagg	attgctggat	ctattaatat	420
gttaattctg	tttttaattg	ttttgagaaa	tctccatact	gtttttcaca	gtggctgtgc	480
tgggaagatg	tgtcagtggg	tggggggagg	ataaacgag	gttagttaat	ggttacaac	540
ataccttaga	aggaataagt	tctaattgtc	gatagcagtg	taggatgacc	atagttaaca	600
acaatgtatt	gtagatttca	aaatagctag	aaaagaggac	ttggaataat	gccaacacac	660
agaaatgacg	aatactcgag	gtgatagatg	ccccaaaccc	ctaatttgat	cattacacag	720
tgtaagcatg	tgatagagta	tcatatttgt	gcccccatat	acatgtacac	atatttgtat	780
caataagaaa	tatatacaaa	aagccaaacc	tttttagcta	taaaatctgt	ctcttatgtt	840
caaatgtata	tagttagaaa	gtgctggagt	cctgtaacat	cagtattcag	agtttactca	900
agctttcatc	ctcaggcaaa	cttagcagct	gttatctaaa	gccagacttg	cagcatcaga	960
aatcacctgg	agcttgtcca	gaaagcaaga	gtcttgggct	ccaccccaga	ctttctaact	1020
cagaatctgt	agttccacag	gctcccctgg	tggctctggt	atgtaataaa	gttatttgag	1080
aagcactggc	tggagatctt	ttacctgagc	ctgtaatcat	ggaatcaccc	atcagtatgt	1140
ggagtgacca	taacatttca	actcaaactc	tattttctaa	atgaaaaaat	ctgtctattg	1200
tatctaatta	agtatatgac	aaatatcaag	ctctctttcc	actattttct	ggtgttctca	1260
tgatctgaca	atgacagtgg	caggaccatg	tactgagatg	accgaagtga	aaatagtaat	1320
gctcttttgt	gtattttttt	tttttttttt	tgagatggag	tctctgtcgc	ccaggctgga	1380
gcgcagtggc	gcgatctcgg	ctcactgcaa	gctccgcctc	ttgggttcag	gccattctcc	1440
tgcctcagcc	tcccaagtag	ctgggactac	aggtgcccgc	caccacgccc	agctaatttt	1500
tttgtaattt	tagtagagac	ggggtttcac	cgtgttagcc	aagatggtct	tgatctcctg	1560
acctgtgtat	gcccgcctca	gcctcccaaa	gtgctgggat	tacaggtgtg	agccactgcg	1620
cccagcctct	tttgtgtatt	ttagaatcca	gtctgtgact	ccttgtgata	gagaattcag	1680
gcattcttga	gactttctca	cagattctga	ctttcccagg	tacaggctta	tccagacgac	1740
atgtttggag	ataggttgag	agagggaatg	acatcttatg	cttattatat	gtcactcttg	1800
ctcttcagta	tttgaaggaa	acactgtgtg	aagaacaaaa	accttctgtc	ctggctgctg	1860
acattaactc	aatttttagtt	attttgagag	ggcagaagaa	tattctaagt	agactgttag	1920
gggttcctaa	caagtgagaa	tttctttgca	agtcagtggg	ccaaataaac	gatttcttta	1980
aaaatacaaa	tccattttat	cacttaagag	tatttacatt	tagttccaaa	taatttgcatt	2040
atgcctgcta	ggttatgcct	ttttattcta	gagaagaggc	tccaaagagg	atagtttttt	2100

tttttttctt	tcttataata	ctgtgctata	atagtctttt	ttccccatt	gggatggaaa	2160
ataaaggaga	aaagaagtgg	cattcccata	gggaatat	cctaagt	taatgcaaag	2220
tttctaattc	gaaaactgcc	acataat	aaaagaatgc	caacatgatt	taatctagtt	2280
tcattcagtt	taggaactga	aatgcccctg	ggtgagggac	agcatccctg	aaccttcctt	2340
ggcccctggt	ctgccccgcc	cctcccac	cccactgtgc	ttcctcttct	gcattgtctt	2400
ctttgtctct	aaacacacac	atgtgaaaac	tttattttatt	tgttttttaa	agaggtggca	2460
ccatcgtagc	tactcttagc	cttgaactcc	tgggctgaag	tgatcccttc	tgaccagcc	2520
tcctgagtaa	ctggaactac	aggtgtgcac	cactgtgcct	ggctaatttt	tattttttat	2580
tttttttgta	gagccagggc	ctcgctttgt	tgcccattgt	ggccttgaac	tccaggcctc	2640
aagctatcct	cctgcctcag	cctcccagag	ttctgggatt	ataggtgtga	accaccatgc	2700
ctggcctaaa	atacttttta	aaacttcttt	tcattcgctt	cttcccttcc	ctttcctcca	2760
ctgcctacca	cttctgctta	tctgacatct	accatcactc	tcactaaaac	ttcagtgcga	2820
gatcaccaga	ccccagtc	tgtggcttct	tcttgctgtc	cttttagcatt	tgatcttatc	2880
cagtttctct	cctcccttga	ttcctgtgac	attgggtcact	caaggtttcc	ttccagatgt	2940
tttgcttctt	gagagcaatg	gaattggaat	cctaagtttt	accactttct	agctctgtgc	3000
ctagggcaag	acacttaact	ttgatgtgtc	tcagttttgt	tgtaagataa	gggtagggaa	3060
aaacttaacc	cataaaattg	atgcaagtgc	atagaagaat	gtctggcaca	tagtaagggg	3120
tccttaagga	taagtataaa	ttattgtcat	cattaaaggt	cattgcttgc	cctttttagg	3180
ctctttggcc	tgcatgctga	ttgtaggtgt	tcactaattt	ttccactcct	tttcataggg	3240
cctctcttct	cttcaaattt	ttttttgacg	atctctgggt	ttccacatt	ttatatctta	3300
gcccctaact	ttttccctga	ggatagaagt	ttaatctcta	acctcaggct	ggccatttac	3360
tcagaagtc	ttgtgagctc	tattaaccaa	atctgccaaa	atgcagctca	ttctcttatc	3420
acctaaagtc	tcttctctct	gttcttcagt	cctgcctctc	ttttgccacc	atcttcatta	3480
atgcggtcac	tgtcctttac	aactcctgct	ggggtatcac	acgttggtct	ctcattgccc	3540
gtcacccaag	tcctccagtt	gatctccagc	atctgttgat	tgtctgttca	tgggtgcatg	3600
cagtgtgtct	tgtctttgtc	gttcccgtct	ctgttccatg	cagggcacat	gccttttgta	3660
ttagttgggt	tgggcccga	taacaatacc	atagaatagg	tggtttgaac	aatggaaatt	3720
tatatctca	cgattctgga	ggctgaaagt	ccaagatcaa	ggtgctggtg	gcagggtaga	3780
taggtttctg	gcatgggctt	gcttccgtgt	tgacagagag	ctgccaggcg	cagtgggtca	3840
cgctgtaat	cccagcactt	tgggaggccg	aggcgggcgg	atcacgaggt	caggagatcg	3900
agaccatcct	ggctaattgca	gtgaaacccc	gtctctacta	aaaatacaaa	aaattagcta	3960
tgtcctccct	ggcctttttt	ctgtgaaaaa	ggccttttgc	gtgagcatcc	ctagtgtctc	4020
ttcttactag	gacagcagtc	ctattggatt	agggcctcac	cctatgaccc	tgtttaatct	4080
taattacctc	ctaaagaccc	catctccaaa	tacagccata	ttgggagtta	gggcttcaac	4140
acatgaagct	ggggagacac	aattcagctc	agaacaccct	tggcgctgtt	gctgggtagc	4200
tgtcctgact	tccctctccc	ctcggcagtc	cagcttccaga	cagggggtgag	aatgatcttt	4260
ctgacacgtg	gctttggcct	ccatttcta	attactcgac	ttggctcccc	acggcctaga	4320
tgcagtgaga	ggaaaatgac	cactgtaggg	tggcttccct	cattttctcag	ttccttatgc	4380
tcactcctct	ggaaattgga	gataacatga	ctaacctcgt	gttattgagg	gattaaataa	4440
attctaataa	agaattgttg	ctttaatctg	acgaaaacca	aattcctact	ctccagcctc	4500
cattcgagtt	cttccatcac	cttgttactc	caagtgtgat	cccatgtggt	tccagggcca	4560
gcagcctccc	atcaccagga	tgcagactct	gcacacagc	aagatcccca	gggccattag	4620
atgtgagggg	ctggcttatc	cttactgccc	ggctctaggg	tacagccaca	ggatggagag	4680
gacaggggag	tggaggcacg	taccaggctt	caaactgcgg	ctcctttact	tgctagctct	4740
atgccccaaag	acaggtttac	aggaactgtc	cttgtcttgt	ttccccctctg	aaaaataggg	4800
agaggcagag	gtttacctca	cagaggtttt	gaggattagc	tgagaaaattt	tgtaaataag	4860
agagcatcta	cccttgtgat	tttaaattga	atttcatact	taaaatcaag	tactttttat	4920
ttggagtcaa	ggtttgttta	ttgtggcaca	gtgtcgggga	atgaagaggt	gtggggtgtg	4980
gggtgttcat	taacctctca	gcctctctgc	cctctcaccc	tgtgcaacag	ggtccccact	5040
ggtctccctc	tgggaagatg	tgaccagcat	gggatatgat	ggggagactt	cttttctgta	5100
gaaggtaaac	caactgctgc	ttcggtggaa	ggtggagaga	gcccttccag	ctctcagaag	5160
gggctctggag	ccggtatgtg	cctgtgtgtc	tgtggctgga	gcccgatccc	attagggcct	5220
gccccgtga	tgtctgtgag	aggtggttgc	cacacatttt	ctccacagcg	ccctcagggc	5280
tgtgtaattc	aaggcagagg	agttcttgtt	ttttgttgtt	ttgtttttta	gcccttttca	5340
aatttacaga	aggattgcaa	gaataagaat	agtgtaaata	cctgctcctg	tgttactttg	5400
ctgaagataa	tggcttccag	ctccatccat	gtccctgcaa	aggacatgct	cttgttccct	5460
tttatgactg	catagtattc	catggtgtat	atgtgccaac	aacacaggtg	tgggggaggg	5520
agagcataag	gaagaatagc	taatgaatgc	tgggcttaag	acctaggtga	taggttgatt	5580
tgtgcagcaa	accactatgg	cacacactta	cttatgttac	aagcctgcac	atcctgcaca	5640
tgtaccctgg	aacttaaaag	ttgatggggg	gaaaaaaaaa	ggacacctgc	attctctact	5700
cagggctcact	gttaacgttt	agccccatcc	ggttgaccag	tctctctgtg	tgtggatgtc	5760

tgtacacatg	catactctta	ttttctgagc	aatttgagag	gaagttgcat	atatcatggc	5820
gtctgcccct	aaatacttca	gtatatattg	ccattgccta	agaaaggcaa	tattctcacc	5880
acagttgtca	acgtcagtaa	atttgatttt	tttttttttt	tttttttttt	ttttttttgt	5940
tgagacagcg	tctcactctt	gttgcccagg	ctgggatgca	gtggcacgat	ctcagctcac	6000
tgcaatctcc	gcttcccggg	ttcaagcaat	tcttgctgct	cagtcttctg	agtaactggg	6060
actgcaggca	cgtgcccccc	caaccagcta	atttttgtat	ttttagtaga	gacggggatt	6120
caccatattg	gccaggctgg	tctcgaactc	ttgatgtcag	gtgatctgcc	tgccttggtc	6180
tcccaaagtg	ccaggattac	aggtgtgagc	caccaagccc	agccagtaaa	tttgaaattg	6240
atacaagact	tttatctaata	ctgaggctat	attccagttt	tttcaatgga	cctagtaattg	6300
ccagtctcct	ttaatgtgga	ttttcacagt	ctttgtcctt	tatgacatcg	atgtttttga	6360
agaatgcagc	ccctcctctt	ttaaaaaacta	gaaccttccg	gtcaggctcg	gtggctcaca	6420
cctgtaatcc	cagcaccttg	ggggaccgag	gcgggtggat	cacgaggtca	ggagatcgag	6480
accatcctag	ccaatatggg	gaaactccgt	ctctactaaa	aatacaaaaa	ttagctgggc	6540
gtggtggtgt	gcgcttgtag	tcccagctac	tcaggagact	gaggttagga	gaatcactta	6600
aaccggggag	gcggaggttg	tggtagtca	agatcacgac	actgcactcc	agcctggcaa	6660
cagagtgaga	gtccgtctca	aaaaaaaaaa	aaaaaaaaact	aaaaaaaaaa	aaaagcaaaa	6720
aaacccgaag	caacaacaaa	accccaacaa	aaacttgttt	tggatttgtc	tgatgtttcc	6780
tcatgattcg	attcaggttc	tgcatctcaa	gcctgaacac	tatgtaggta	ttcagagcgg	6840
tccatctgcc	tctcactggg	gtatggccat	ctctatcctt	cagtacgggt	ggggcttttc	6900
tccattatac	tgttactaca	cttgatctca	gccaaaaggc	caagaagtga	tctccactca	6960
atgtttttcc	ttctggcagc	tagttaatct	gtggagaggc	actttaaaaca	tcatttaaat	7020
atcatcttct	tcctcaaaat	ttctcccag	cttttagcatc	cagcgatgat	ttttgtctga	7080
atctttacaa	agatgggtcag	ggtggcattc	ttctgtagtt	cttccttctc	tctatattt	7140
actttcttgg	actcttggt	tctgttttt	ttcagtggtt	tataatccct	gactgtccct	7200
aatttttttg	gcggcctgat	tgtcccatat	tggttagttg	gagccccttc	cagccagctg	7260
ctgtatcacc	atgacacgtc	tgcatctccc	aagtaattgc	ggcctgcctc	tctgtgtgga	7320
cagccacatt	gtctcccttt	gacgtgcctt	ccaagtaaat	attgtgtttc	atagctttta	7380
aatcagactg	tcctttatat	gtctttcaag	tttgtggaga	atttacactg	acataattga	7440
gtgatgagtt	aacaggcaga	cagaaactta	attttcttta	tagtcatttg	tacctactac	7500
catttccgtt	tgcaatgaca	tgagtcgtct	ccggttatta	ccctgcagta	catacgact	7560
ttactggctg	cacctagttg	acttctgaac	tgcccttggg	ctccctctgc	tggcatagtg	7620
gtgcgtgagc	acttttcttg	ggtcatggaa	tggatttctc	tttctgcccc	ttttctttct	7680
tttggtttgt	ggttttctct	ctcataaatt	attacacaaa	catggacat	acaatacaac	7740
cttcttttca	acctgatttg	tttgctaact	gtatcagtac	ctttccatat	aaaattcata	7800
aatattttta	tataattatg	tcagtgtttc	catatttttc	tattacctga	atgttctttt	7860
tagcatttaa	ataatccatt	tttagtaggc	atttgtattg	cttttttcca	tttcaggtag	7920
catctaaagt	gaatgtccct	tgcatgtata	ctattcatat	gtgacttaat	aagtagagct	7980
tgctaaatgg	gtaggaactt	acaggaaaag	gggaaactct	agtttgagaa	aattgtctgg	8040
gctaagttta	ggatgtgttc	aacaaacagg	aaagtcaagt	ttggctaaag	catggttgag	8100
taatagtggg	aaatatggtc	agaaagtagg	tatgttagga	ctctttctac	tgaaatgatg	8160
aaattcaact	ccagccacaa	gtggagcaga	acaaaattgt	gtttgtttta	taactgggaa	8220
gcccagggtg	gctggaggca	ggggcttaga	tgtgtctgcg	ccatccctta	cctgtctgtt	8280
tctgtttctc	cttctgtccc	ttcccagctc	cagcactgag	tctcttgccc	attggcctgg	8340
tgagggaagg	agctgccagc	cccacccaac	agctcaggtt	acagagagag	tcactttctt	8400
ccattactca	cagagtaaac	atcaagggaag	gccactgatt	gattgacagt	gtctgggtca	8460
gatgtctatc	cttaggccag	tccctgtgaa	caaggggatg	gggtgtctgc	gtggaccaga	8520
tctgaagcac	aggcccatgc	ctggggccag	gggggtggaa	ctatggacct	ctctccccac	8580
tgagaacccc	agggagcagg	tgaggtgaaa	ttcctctagg	ggaagagggg	caaaattgac	8640
aagatagcag	atgtctacca	tactgctgtg	gggcctgggtc	cctcccagaa	ggaaaaacat	8700
agtaacaata	gagtggggtc	caccctccac	ctgggtctca	agtaggggtg	ggatgaggac	8760
aatggaaatg	aaggaaaggt	tagaaggcct	gtggtagcgg	ttggtagata	gctcttcgtg	8820
ctttctccat	atggagttag	agtgtctgga	tgtgattcct	tcaaagtcag	gtctaggaga	8880
ctcaggatgc	ctaacttaga	ggtaagaaca	ttgtgaggaa	agccagtgaa	ttcagtcctg	8940
tgcatgctga	ctttgaagta	cttttggaag	agccaagtgg	aattatccac	aggacaggac	9000
caaactcttac	ctggttcttc	cccaggccga	ctagtccaca	acaggaaaata	aaaagagttg	9060
ccccgatacc	aagggtgact	agtcattctt	cacactgcta	tggggaaata	cctgagactg	9120
ggtaatttat	aaagggaaaa	ggtttaattg	actcacagtt	ctagatggct	ggggaggctt	9180
caggaaactt	acaatcatgg	cagaaggcac	cacttcacag	ggtggcggga	gagagaatga	9240
gtgcccagcg	aaggggagaag	ctccttataa	aaccatctgt	tctccttata	aagatctctt	9300
aataaaaaccg	tcagagaact	atctcattca	ctatcaggag	aagagcatgg	gggaaccgcc	9360
cccatgatcc	agtttactcc	acctgggtccc	gcccttgaca	tgtgggtgtt	attacaattt	9420

aagggtgagat	ttgggtgggg	acacagagcc	aaacccatata	acaaggcttt	ctcctccttg	9480
ctgggattgt	acccatagcc	tctttctgag	tctctctct	tttagcctct	ttatgcctgc	9540
agtgcaccc	tataccattt	ctagagtcac	ctttataaaa	cttataactct	ccgtatgact	9600
cataaatcct	gttttttttt	ttgcacagta	tattaagtat	aaaatttggt	aaagtcttta	9660
atgggtctgcc	cccaagctac	atctccattt	tgtatgtctt	tcagttcctt	tctactttgt	9720
atcttggtgt	tgagtttaact	gaatttttgc	cattccatta	acccatccca	tgcttttccc	9780
acttctagat	ttcacttttc	ttgtaggcta	gaatgtcttg	actgggatct	gactggagat	9840
aatgagaaca	aaaactgggt	caaagagcca	ggatgttgca	taaaagtctt	aagattgtat	9900
ctaagcaggt	aaaataaaaa	ttttaggcaa	ttacttaaat	ttgaaatgct	cacatttatt	9960
aataaggcat	gtaacatcta	catgagccat	catttgcttt	tttaattcca	cattgattag	10020
gagccaaacc	ttcagggcag	gtatccggta	gagcgccctg	gagaggccct	ggataggcac	10080
aggcgccctgt	cagggggctc	ttcacatgct	gtgtgctgct	gctgggagaa	gagggggcca	10140
gagactaggg	ggcttctaag	aagaggtggc	atctctgcct	cagtgttgaa	ggatgaataa	10200
ctttgacagg	ctggaaaaag	gtgacatttc	aggtagagcg	tgtcacatgg	atgtaaatac	10260
caaaggtcaa	ggacatgggc	ttgagagatg	gtgagaagga	tggaggtgac	tgtggcttgc	10320
attctatccg	tatcactatt	aattaccttc	taatgccttt	ggctctagg	ggtggaacaa	10380
gtaaagtaat	ggacaaatac	tttttctacc	aatatttagt	gaccaaatac	agagttatgg	10440
agagggccag	ggacctcatg	aaccatactc	tttctagtct	aggacataa	ctccaatgcc	10500
tttctgtctc	cagtaagagg	ccatggattt	caagaagcca	gacaatccat	tctttcagat	10560
aatgataaaa	aagaaaacat	ttatttttatt	tctaagtata	gaatgaaaca	tttatagttg	10620
cccaaatttt	ggtacctttt	aggagaaaaa	tacagatttt	ttgtgtgta	aaaataaact	10680
taaaaaaaaa	aaaaaaagac	ttaccatagt	ccgggcacgg	tggctcacac	ctgtaatccg	10740
agaacttttg	gagggccagg	caggcggtac	acctgaggtc	aggagtttga	gaccagcctg	10800
gccaacatgg	cgaaccccca	tctctactaa	aaatacaaaa	attagccggg	catagtgggt	10860
ggtgggtgcc	tgtaatccca	gctacttggg	aggctgaggg	aggagaatca	cttgaaccca	10920
gaaggtggag	gttgagtgta	gctgagattg	tgccattgta	ctccagcctg	gtcacaagag	10980
cgaagctctg	tatcgaaaaa	aaaacaaaaa	aagacctact	gtaaatagag	tacaacatga	11040
gactaacaaa	aataacaaat	aaaatcatcc	agcatatatt	ctgtatttaa	aaaaaaaaaa	11100
tcacaagatg	aatacagacc	atcttggtgc	atatgtattt	tatacactag	acacatgctg	11160
atgtttttta	tgcttaaaat	atattaggtt	tcatacttgc	ttccaatcca	aggagagtat	11220
atctgagctc	ttttttttta	gatttgaaaa	ccgcctttta	gattagatta	gaacactgcc	11280
tttttttttg	ttatgcagta	acagatcatt	gcccacctga	aagcgagtcg	cctttatttt	11340
tacctcctta	gtagaaccag	caggagctgc	aattgctggt	gcttgagcca	aggccacagt	11400
cagcatagaa	aggttctgct	aagagactgt	gttaaaggaa	ataaatttgg	tgacttagtt	11460
ttgttttaca	agctagctgt	ggcccagtc	ttctgcaggg	tgggtacgca	ggtttattgc	11520
agctctgcag	agccatggcc	ttagacaaac	aaagaagggtg	tgggaatacc	cgggagcttt	11580
ccattcaaa	tagattcttc	tcctttgagt	gcatgtaact	gaagcaccag	ctttctaaaa	11640
aaaaaaaaaa	aaaaaaaaag	agagagaaaa	gaaaagtcag	tctgaagttt	ttgtgacact	11700
cagccagact	ccacattaga	taaagtaac	atggaaatac	agctttattt	ttataccaag	11760
ttgtgcttag	aaagctgatt	gctaaaccag	gaagcttggt	tttcagaatt	ttactgtaat	11820
ccaggggtgga	aaaaaagtat	cactcagatg	gcatttgtgg	gagattactg	actggtaatc	11880
cctccttgct	ctagaagatt	aagtctgccc	tggtgtagtc	atggctcagct	gattttttta	11940
tttattttatt	ttaaataaat	tgtagtttct	tgttgtaagt	cagccagtg	ctgatgtttg	12000

<210> 2

<211> 191166

<212> DNA

<213> Homo sapiens

<400> 2

gaattcattg	agctacacac	tttacacaat	ggaatgtctg	caacaagcct	atgaggtagg	60
attccctaaa	ctcagagagc	ttaagtaacc	tgcccacat	cacacagcta	ataaaatgta	120
aagtccacat	tcaaattcct	gtctgcctga	attaaaagct	catgattttt	ctggaattcc	180
tttagacttt	ataatagaaa	atgaagcata	acttctatct	tgaaacacct	gtttcttttt	240
tttaagacat	attaatatat	ctttaaaaaa	atgtttttta	cagagtcagg	gtcttgctct	300
gttgctcagt	ctggagtgtg	gtggcttgat	cgtagctcac	tgaccctca	aactcctggt	360
ctcaagcaac	cttcccacct	cagtctccca	agcagctggg	gccatggggc	catgccactg	420
caccagctaa	ttttaaaaaa	aaaagttatt	ttctttgcag	agacaggggtc	tcactatggt	480
gcccaggctg	atctcaaaat	gctggggctc	aagcaatcct	cctgcctcag	cctcccaaa	540

cattcttaaat	gtccctttac	tatcattttg	tgcagaatcg	tgtcccaagt	tcatcacaca	600
gtgctatggg	gattgatacg	ctatttgtag	ggcaaataag	agtagtagcg	gtagtagtaa	660
taataattca	tttcttatta	taaagcattt	ttacagtttt	aaaataattt	ttaaaacata	720
tatcttgatc	ttttcaggag	tcttatgact	cctgacaggc	aagtctcact	attgtttact	780
gttgataaga	actctgaagt	ttggcccagc	actgtggctc	acgcctataa	tcccagcact	840
ttgggagggt	gagatgggag	gctcacacaa	accaggaat	tcgagaccag	ccaggacaac	900
atgatgagac	cccatctcct	taaaaaataa	aaaaattagc	cagccatggg	ggcacgtact	960
cctgggtcca	gctactcagg	agaattagcg	ggtaggatca	cttttgagcc	caggagggtca	1020
agactgctgt	gaaccgtggt	catgccactg	cactctaata	tgggtgacag	agcaaaaccc	1080
tgtctgaaga	aacaaacaaa	caaacaagca	aaaaaaaatc	ctgagggttca	cagactgctt	1140
tgcccaaggc	tcacatccaa	atgacatgcc	agaaacacat	actctgcttc	aaaattttat	1200
accacatcca	ttacactggg	cttggggagt	ggttactcct	tatggtagtg	aaactgattt	1260
gcaaactatt	tccagcagag	tgcctcagct	gtggtcagtt	ggcaagtagt	catttaggca	1320
aacgaacca	cttgtagtgg	gctgagccct	ggagtcaaa	ctgtatcttc	ttatgctgag	1380
aaggcttctt	cccagagggt	aactagagat	tgcttccaag	gggttgagag	ttaagttttt	1440
ctgaaagtca	ttatgggctt	ggttttgttt	ttcatttttt	cccatacctc	cctcttcaca	1500
gaaaagtcat	agtgttttat	agcctgctta	aaactctgtg	ttctctgtaa	tagctgtaaa	1560
gtcttcactt	aatttatagta	ggctcttcta	ttatttttta	gttgcaatgg	tgtaaaagaa	1620
aataagccct	gtttcccttt	gaagttattt	tgtgcaaaaca	tagtagtttc	tcttctctct	1680
ccaagtttgg	tagcttggat	tcatttgttt	ccaggaattt	ttctttatac	aataataatg	1740
tatgccacaca	gccttgagct	aattacactg	tagccaattc	ccttcctttg	tcattattta	1800
ccagtcccct	atcttttttt	ctagaacata	tatataatta	gttaaataag	cacatttagt	1860
actttgcttc	tcagtgaagt	tcacgttttt	ctaagggtgtg	gataaattgt	ttagagaact	1920
aattttgcgt	tacttgtttt	atgattacag	gtgttatttt	tgtgccccac	caatgcttct	1980
tgtatgttta	aatcttcgtt	gttgtcgttg	ttgttgtttt	taactatttg	aaattcacaa	2040
ctcactgaat	tttgtgtctg	gttttatttt	gaaaaaaaag	tcataatttc	aattttttct	2100
ttcgcaccta	tttgtatgct	gagcattcat	taatgcaaac	catctgattt	ctgagcattt	2160
ttatggatag	aaattttgat	tatattgggtg	attttaaatt	gtagaacctg	aaacaaatga	2220
tttttttact	acacatacac	acatttttagc	tactcaaagt	gataatatac	cattagttaa	2280
gcgtgttaaa	agtatgctac	ttactttatt	catttcagac	cgagtttttt	ttcacatttt	2340
accatctctg	aaattgatat	gtgtcttaaa	atcaatgtgg	caagaacaca	tgatttaatt	2400
aactgcttct	tctttcttgg	cagtatgacc	taaaagaatg	ccaaattttc	aatttggtag	2460
catctcagat	ttgattagat	acaatatgta	ccaagactac	tattgtacat	gttttacaaa	2520
gtctctcatt	taatcctcta	aaaaatccca	tgtcatagac	acaattattc	ttcacatttc	2580
acagaagaag	aaaatagatg	atggaagttg	ctgccatcat	gtatcagcta	caccatcctc	2640
ttgtagcatg	ttgatgacta	ttagcttcta	tgggggtgga	ggaagccttg	atttgtagca	2700
tttgttaatt	tcactgggtg	aaatactctc	actgtggcca	atctcaagat	accaagatga	2760
agtcactgaa	catagcattg	gaaagatatg	catgcagttc	actgatgtta	agcagatgtg	2820
agatgactgc	agcatatcat	atatgttacg	tgttttttct	gggttatctc	tcacaaatcc	2880
ttgtcttttag	tgccactcat	atgccagaaa	tggcaatatc	caactttcta	ttgggtcacct	2940
ccactgggat	gccttacttg	ttcctccaat	tcaatggata	aatagtagct	ttcttactac	3000
cgacattctg	cctaagaatc	ataattgaat	gcaggaaaag	gaaatctaga	attgtaataa	3060
tatgatgcct	aagagctgtg	aagggtgtga	gatttttatc	tacttgcaag	ctaacaaatt	3120
agactgccta	ttttacggat	attgtcacaa	cattccaaaa	tcaaaggact	ttattactca	3180
tagaaaaagc	tttagcccta	gtattgactt	ttttcagtag	cctgaatctc	aattcctacc	3240
aggtgatgca	aagagggcct	tcatgtaaga	tgggtggcatt	acaggagagg	aaaccagagt	3300
tcaaggcacc	tgaatctttt	ttttttttaa	tttttgaaat	ggggtctcgc	tctgttgccc	3360
atgctggagt	gcagtgggtg	aatcatggct	cactgcagcc	tccaccacct	gaactcaagt	3420
gatcttccca	cctcagcctc	ctgagtagct	gggatcacag	gtacacacca	ctatgtccag	3480
ctcattttta	aattatttgt	agggacgagg	ttttgctctg	ttgcccagac	tgggtctcaa	3540
cttctagcct	caagtgatcc	tcctgcctcg	gcctcccaaa	gtgctcagat	tataggcagt	3600
gccactgtac	ctggccctgg	ctgaattcgc	gaatgaacca	ttcttttttt	ttttttttga	3660
gacagctctg	ctctgtcacc	caggctggag	tgcagtgcca	cgatcttggc	tcactgcaac	3720
ctctaccacc	tggactcaag	tgatcttccc	acctcagcct	cctgaatagc	tgagattaca	3780
gggcatgcac	cccatgcac	ggctaatttt	tgtattttta	gtacagatgg	agttttgcca	3840
tgttggccag	gctgggtctg	aactcctggc	ctcaagcgat	ctgcctgcct	tggcctccca	3900
gaagtgtctg	gattacaggc	atgagccacc	gtgccagac	tgaataacca	ttcttgattg	3960
aactctttcc	atttgagcaa	ctaagctcat	tgggtctctc	tcaccttggt	agtctctgag	4020
ttgatgttga	cctggggcaca	tatgacccca	gggttacctg	agctatatca	aattatacaa	4080
atgttgatca	gaaactcaga	tgctaaatcc	tggacagaaa	aagccaattg	aacttatcca	4140
gcaaggtact	gaggattctt	ctttcacaa	aaaccggaag	gtcagaaaat	agccccaaaa	4200

gttgggtgaa	gtctccta	agccatacct	gaaatacttc	ccataagaat	tgattggatg	4260
gcctgggtgca	gtggctcaca	cctgtaatcc	cagcacttcg	agagggaggc	tgatgtaggt	4320
ggattgcttg	agcccaggag	tttgagacca	gcctgggcaa	tatagtgaga	cctcgtcact	4380
acaaaaaata	caaaaattag	tcaggtatgg	tggtgcatgc	ctgtagtccc	agctactcag	4440
gaggctaagg	ttgaagggtt	gcttgagccc	gggaggcaga	ggctgaagtg	agcctagatc	4500
atgcctctgc	actccagcct	gggtcacaga	gggagacctc	atctccaaaa	aaaaaaaatt	4560
aaaataaaaat	aaaaattaaa	aaaactaact	ggaccataac	tcaaacgtgg	agaatatgtg	4620
tatttgggat	aatgtaaaaa	atatttttca	ataacatttg	agagctaagg	aatgtgcaaa	4680
tgtaaccgtg	gcagagagcaa	tctagacata	cccttgggat	tttaactcca	tggaacacct	4740
caaaacccat	tgcttactgc	agcctcatcc	ttgacctggg	cacagaagtt	tatcgacttt	4800
attatagggc	aatagctgtc	actgcaaaac	ttgtcaatac	ttctcctgaa	ctagtcttag	4860
gctccctatt	tgacctcatg	tttctctctg	caatacagac	attactactg	actgagaaca	4920
tacagcaatt	tcatccagac	aatgaagtgt	tctcactaaa	gaaataagtg	tgtgaaataa	4980
tgcatatggt	aaatatctta	catataccaa	aacttcacgt	tgtacatcat	aaatatattt	5040
aagttttgct	tgtaaattta	aaaataataa	taataaataa	aataaaactc	agcagacagc	5100
tttcgcactt	ggtagagctg	gtcaattagg	taccagaagt	acctaattga	ccaactaggt	5160
ttgagcatgc	tttgcaaaaa	aaagatctcg	gatggaatcc	ccatcaaaaa	tgaagaacaa	5220
attaaggaac	tttaggtgca	gccctactat	gtggaaaggg	agctactata	aaggttgagg	5280
cccatgtaga	aagagagact	ttgtaagcta	aagaaatgct	ccagcagcat	ttcctaataa	5340
gaagccttaa	tcaagggtat	gattccaagt	aaaccctcaa	aagataaatc	tcaaagaggc	5400
cattacaaaa	tatcaatttt	tagtttcttg	ttttaagag	gaagaataga	aaaaaatctg	5460
gttacaccct	tcacacacat	aatctctaat	ccttccaacc	aggctggtgg	cctcagatga	5520
tttcaaataa	acattagcta	catttctcca	tgaaactact	ccttatggta	cagaaaaatt	5580
ggttactatc	tcaaatcaac	attgatgggg	aaaattttta	aagatggctg	aagttatttg	5640
cagggtcatgt	gtcacctgtc	aacaacataa	tttttagaaa	attgtaaggg	tggggcatag	5700
ccaggaacca	aagcttcaag	ggccctttga	gtgtcttctc	gcacttattt	cattctctcc	5760
atggaatttg	aatatatttt	aggtattttg	aactctattt	caggatgggt	tgaagcattt	5820
ctattctaaa	gagttacagc	ccttattgtt	gctaaggaaa	ataaaagccc	acttgagttt	5880
aacctgaggt	aaaccaaatt	ttacatcaag	tgactgagaa	atgctttaca	ggaagcattg	5940
tataagaacc	tcgtaaggca	ttacctctta	ctcaaaaact	atactcctcc	taccaccac	6000
aatcgtgttc	tctgtgtctg	agttgagcaa	ttgggattcc	tggttttgaa	gcattttaca	6060
ggtaatgtta	attgctcttg	tttttgtcat	agtggtcatc	atgctgatct	actgtattct	6120
cgtcagagtc	ttaaatgtat	ccattcggtc	attttcttgc	tggacgatca	caatgatgat	6180
acaacaagtc	aagatctctc	aattagctat	ggagacaact	ggacaatctc	caagaagtaa	6240
aaacctggat	ttccaacatt	ttgtgagctg	gggaacttct	caaaagtgag	agacaaaaat	6300
gggactgaga	gactgaatat	agaaatagat	agtgaatccg	ctgggcacag	tggctcatgc	6360
ctgtaatccc	aacagtttgg	gaggccaagg	tgggtgcatc	acttaaggcc	aggagtttga	6420
gaccagcctg	gcaacatggg	gaaacccctg	ctctactaca	aatataaaaa	attagccagg	6480
catggtggag	cgtgtctgta	atccagctac	tcaggaggct	gaggcatgag	aatcacttga	6540
accagggagg	tggagggttg	agtgagctaa	gaatgcaccg	ctgcactcca	ggctgggcaa	6600
cagagtgaga	ctctgtctaa	aaaattaaaa	aaagaaatag	ataatgatta	gacatctatg	6660
atgaagaact	ctggcccaca	acctgttcag	gaagccaaat	cacaacctct	gcagcaatca	6720
gcacagaact	gtcaggactg	ggtcaatgac	tgccagcttc	tggttttttg	tcctcacttc	6780
taattcacga	ccaatcagag	aaagtcaaat	agactgacca	tatcactcat	gtgattaaaa	6840
cccttcacct	ctgactacac	atgactttca	aggtttaaat	catacttctt	agcacatctt	6900
gtaagtttct	actatatatt	tcggcatttt	tttttctttt	tttttgagac	gggtctgtct	6960
tgttactcaa	gctggagttc	agtggcacia	tcacagctca	ctacagcctc	aacctcctgg	7020
gctcaagtga	tccttcacac	ccagcctccc	aagtagggat	cacaggcacg	taccaccgca	7080
ctaatttttt	aattttttgt	aggggtgggg	tctccctatg	tttcccgggc	tgggtctcaa	7140
ttcctgggct	caagtgatcc	tcccacctca	gtctcccaaa	ctgttggtat	tacaggtgtg	7200
agccaccatg	ctcagccatc	agtagtcttt	tgattacaag	tgatagacac	ttaactcaag	7260
gtagcttaag	taaaaaaggg	aattaccggg	tcacgtaact	gggaagaaca	gaagtgaact	7320
atcattacag	cataagtgga	tctagatgaa	gctaattagg	tttggccatg	gttcaagggt	7380
gggagaagca	gctaagtga	tcttctgggt	ggacccttg	ggccagttca	atgtagtgtt	7440
gttatgggtt	ccactgatga	tgtatcattg	gggttgatgt	ttcacatggg	tgtactgaga	7500
acggtcataa	agttcagagg	gtctaagggt	taaattttac	agttgcatgc	tgggtcaagg	7560
gcaggattga	tgtttagagt	caactgatat	tttcagggtc	taggaaagtt	gttaggaaag	7620
gttggggagt	ctggatgtgg	gggaagcgga	gggaggagtc	tatggagggg	cagaaggaaa	7680
gagatcagaa	ggataaggca	gaagagggag	ggctggatgt	agggaaagcag	ctgagaacaa	7740
gcagtgggga	ggcatactag	ggaaatgagt	ctagattgtt	attgcttaag	tttgtcaaat	7800
tcctcattag	ctttggccat	ttagtttttc	agtgaaccaa	ttattgaatc	caaatttcat	7860

tcagaggcct	ccacatacca	ataaaaaatt	actgccatt	ggacatgaga	aagtttattt	7920
ctcttctttt	ctaaggttcc	tctcaaata	acaatactgc	tgaagtcaaa	tgtttcccca	7980
gagtggccat	tgaaggacct	tggatgaatc	atgcatttag	aaagaagtca	taagaattag	8040
ggttataatg	agagtccag	taagaagttt	ttcctggaag	aggagaagac	ctagacttac	8100
acaaccctg	gagagggggc	aacaattact	taaaagtaat	ggttttgcac	tttgtgtctc	8160
aggccccaac	ctgacagtgg	gccacctctg	aatgcagacc	ccacaatctg	tgccccctag	8220
tatgcagaaa	agcagagaga	aaaacagcat	tctgtctgga	tcaaagccaa	gctcctggga	8280
gaaaaaatca	tgacaaagac	agaagtgact	tattcagttt	tattggtaat	ccacaacaaa	8340
atttgtctga	atagctacca	ttttgggtgag	aaccacaaat	gccccagtct	gtgaggatga	8400
ttaaaaaaa	ttggctaata	ggacctatgt	ctgggctata	ccttttgatt	ctccttttat	8460
gtcaataaat	ccttttagac	agcataatac	aaatagaaag	cacaaacaag	agcaaaaagg	8520
atgaaaataa	atggaactga	ttgggggcca	ggtgcggtgg	ctcacgcctg	taatcccagc	8580
actttgggag	gccgaggcag	gtggatcacg	aagtcaggag	ttcaagacca	gcctggccaa	8640
catggtgaaa	ccccgtctc	tactaaaaat	acaaaaatta	gccagtcatg	gtggtgcacg	8700
cctgtaatcc	cagcaactca	ggaggctgag	gcaggagaat	cgcttgaaca	caggaggcgg	8760
agattgcagt	gagctgagat	catgccactg	cactccagcc	tgggtgatag	agcaagactc	8820
catctcgaaa	aaaaagaaaa	aaaaaaaaaa	aaaaagaaat	ggaactgatt	ccatgaagga	8880
tgccaaacaa	atggggatga	gtaattacc	tgggtacca	acagaataaa	tggccaaaga	8940
actcaatgta	aaagagcaga	atgtaagcct	ggtgctgatt	taccatgtca	tcatggactc	9000
agaggccaca	agcagcaaga	cacaaggggc	cttctgaag	ccacacctga	ctgaaggctg	9060
gcgtctgcag	cagcgggaag	tgcagcctgt	gtcttgtgaa	cctccaggaa	aaatgtagaa	9120
ataaacaaa	atgcccaa	gagaacaatc	agaggctgtt	tattcagagc	ctgctctatc	9180
caggttgtca	gccaccatca	tttgtgtttg	gcagagactc	aaaggcagcc	aggagaaggg	9240
gaagatttat	aatgaaaaaa	caaaacaaaa	aaaccaccaa	aggcttccag	tatgatttga	9300
ttaggggttc	ttggcatgag	gaagccggga	gcaggccaat	tagcagtga	catctcctat	9360
gattagtttg	aggagcatat	ttggcttcct	ctgggtgggc	ctgagttgga	aataggcaaa	9420
aaataggaaa	cctgacagtt	atgggcaaat	tcctaactat	tctgggttga	ttgctgcata	9480
ggctatgggt	tggctttctg	atctgggtga	cacaggttgt	gggacagggt	tctatgggtca	9540
tatacagtct	ggccattgtc	tggaaattcct	gcttcagcct	cccaaaatgc	tgggaattata	9600
ggtgtaagcc	atcgacacca	gccaccaatg	tccatttgta	tattcagttt	cttttccttt	9660
ttcttttttt	gagacagaat	cttgctctgt	cgcccaggct	agagtgcagt	ggtgccatct	9720
cagctcactg	caacctctgc	ctcctgggtt	caagtgatcc	tcctgcctca	gcctcccag	9780
tagctaggat	tacaggcatc	caccaccatg	cccagctaat	ttttgtattt	ttagtagaga	9840
tggggtttca	ccgtgttggc	caggctagtc	tcgaactcct	cacttcaagt	gatccacca	9900
cctcggcctc	ccaaagtgtc	aggattacag	gcgtgagcca	ctgtgcacag	cctcagtttc	9960
ttaatagtaa	tctgacgccc	cttaaaactcc	actgggccag	gcgttgtggc	tcattgcctgt	10020
aatcccagca	ctttgggagg	ctgaggaggg	aggtcaggag	ttcaaggcct	agggtacata	10080
gcagggcctt	gtctctacag	aaaattaaaa	aattagccag	atatggtggc	acatgcctgt	10140
agttctagct	acttgggagg	tggaggcagg	aggatcactc	aaatctggga	gttcaaggct	10200
acagtgagct	atgatcacgc	cactgcactc	cagcctgggt	gacagagtgg	atccctctct	10260
caaaataaat	aaattaaatt	aaaattttaa	acctcattgt	ctacacagaa	gtccactcca	10320
cctactgagc	aatgtccct	tcccgggctg	cctgaaacat	ggccaaagtc	agttcaaaat	10380
agtctggctg	tttctatac	cccaaagtca	gttcaaaata	gtctggctgt	ttcctatacc	10440
acaaagtaat	tttgaggatt	caactttggt	tgtctcttca	tcaataacca	taagccttgg	10500
gcacttactg	atcctctttg	gactcaactc	ctattccaag	aaaatggaca	taacaataaa	10560
gttattttcct	tgaaggcaaa	ggaccaaaacc	agatgttcac	ttacagaagt	ttctagcccc	10620
aattcacatg	actattccat	aattttttga	ttctaggtct	gtcctttggg	atgggaccag	10680
gctgctgggt	taaataggaa	gtgttcagat	gtgggtgttt	ctttctcctg	acttaagctg	10740
tgacaatgca	ttaattcacc	ctcagagcca	ttttgtgggtg	tagtgagaag	agctctaaac	10800
ttgaaggag	atctctggtg	agttacagtt	ctgacattta	agaggatatt	gattttcagt	10860
aggtttcctt	atattctttg	tgtcgcagtg	tcctcatttg	caagatgtca	ttctgtcgcc	10920
ccaaggttgt	gaagagagtc	agaatgtgag	caggatcctt	cacttagatc	tttggcttca	10980
ttaaaattgc	aatattgaat	ataatgaagt	gtgaattgga	gaaaataatt	caactttttt	11040
ccagtgcaga	tttcaaaacc	ttaaagaaaa	ctgagagaac	ctgaggaaat	atttttcagg	11100
cagttcatcc	ataggccagc	aagtgggatt	tcctaagtc	cctgactaat	ggggagacct	11160
ccgtgggttt	attggtagag	actggaggga	gagtatttct	ttcccatatc	agcagaagta	11220
gctctctggg	aggtcatttc	acatctgcat	ctagtcattt	actttataaa	cctcctcctt	11280
ctttggcggt	ttccctcgag	gggaagcaag	acagaacata	attgaggag	tctctttaat	11340
gatgcatcat	ttttgtttta	atgttttcat	aaagaaaaag	cacttatact	attgtgcatc	11400
ttgggcttta	ggaataagcc	catgaaagga	cttcagtatt	tttattttcc	ttttttaggg	11460
ctggagaaaa	agagctgggc	ttaagctaca	ccatgagcaa	agcttccttt	ggagctactt	11520

tgaaaagaca	ttggtgacag	taccatagta	tatcattaca	gggtcatttg	gagtacattt	11580
ttggctctct	gaggaggctc	tggggccaat	gtcctaacac	gtggggactg	gaaccttttt	11640
ctccttattg	ttaaactcca	atttcactgg	aaggtagggt	tagtctttaa	cttcctgggt	11700
gacactcctt	agttctatct	tgattcgtat	ggatgattta	tgatacaggt	cgaaaagccc	11760
aggaatgttc	tagaatatat	gattggcgag	gacctcact	ggtgccatcc	acatcttctc	11820
ttcaggactg	ggaacgttgg	cagctgatga	tcctctggga	agttccttgg	tgagaactgc	11880
catcaatctt	gaaaagccac	cttgcccaag	atcatttctc	gagggcagcc	cacttcctag	11940
gggtggatcag	catggggcta	taaaggcagg	gccatttgct	tcaatttggg	acaactctga	12000
agagacactg	tggctccaga	gcttctggag	gaatgggatg	aggcctctgt	tgtgactgca	12060
tcacacacag	tccattcttc	ctccattgaa	tccttctggc	ttctcttccc	aacaggctcg	12120
atcccagggt	gctcaccaat	ccacccccgg	cactcaaata	tccatctcac	aagctatgtg	12180
acagggaccc	tgactacaac	aatggacaaa	acattttggc	caggcgtggt	ggctcatgcc	12240
tgtaaacccta	gcactttggg	aggctgaggc	agacagatca	cttgagggtga	ctgcactcca	12300
gcctggcggtg	atcttttttt	aaattttgac	tctatctcaa	aattaaaaaa	aatttttttt	12360
ttgcctgggg	gaaccatatt	actctatctt	tctcatgccc	ctactgagaa	tcaaactgcc	12420
cctcggtttt	atttttattt	taatttttta	agacaagggtc	tccatctgtc	acccagggtg	12480
gagtgacatg	gtacaatcag	ggttcactgc	agcctcaatc	tccctgggctc	aagtgatcca	12540
ccctcctcag	cctcccaagc	agctggcatc	acaggttgtc	accactgtgc	ctggcccaaa	12600
cttctcttaa	attcattttc	cttatggaac	aacaacagca	acaacaacaa	caaaaacttt	12660
tgagagaaaag	ttaggagtta	catcccacca	agagagctgc	cttcagaaaa	tatcaattgt	12720
taggcaattt	cacagtattc	agtgtcttct	tcaaacttaa	aaaaaattat	acaaattatt	12780
tttaaaatat	agagatgggg	tctatgttac	ccaggctggt	cacatcttct	ttaaacttgt	12840
ttgacatttt	ttctgacct	ctcaaacagt	taactgttat	ttataataat	taattggaag	12900
cgaataaaag	gcaagtattg	gataactctt	tttcgttgtg	tttgtaacat	atacacaaga	12960
taaaattttac	cactgtaatc	attttaaagt	tatagccag	tggcattcag	tacattcaca	13020
gaactccaga	actttttcat	catcccaact	gaaactctgt	acctgtttct	tttctttctt	13080
tcttttttgt	gtgtgtgttt	tttttttttt	tttttttttt	tttttttttt	ttttgagaca	13140
ggttcttata	ctctgttgcc	caggctggag	tgcagtgggg	caatcatggt	tcacggcgag	13200
cttgacctcc	cggggctcaa	gcaatcctct	cgcccaacc	ccacaagtac	ctgggactgc	13260
aggcatgcgc	caccacaccc	aactactttt	tgtatttttt	gtagacatag	ggtttcacca	13320
tggtgcccag	attggtctcg	gactcctggg	ttcaagcaat	ctactcgct	cggcctccca	13380
aagtgttggg	attatgggca	tgagccacca	tgctcagccc	gtacctatta	aacaatgtag	13440
attactgtta	atatgataag	ctcagtgtta	aaaaaatatc	aagaacaaac	taaagaggat	13500
aataaaaaata	atctgggcct	atcatcaaga	agtaactatt	attaacattt	gtcaatgtct	13560
tgccagatat	ctttctgtgc	ataagatcga	atatgcaaat	ctattttttc	caaaaatgtg	13620
atcacaatct	gctttgcttt	ctcatcacga	agaatgtttt	gtccatcttc	ctacgcacca	13680
tagattttca	gagctgaaag	gaaaattgga	aatagtgtca	gtaaggggtc	ttatatttca	13740
ctggaaatgt	gtggggcttg	agagctctct	tcaaagaaca	aacacagaga	tttcatggct	13800
acttcaagga	ttcagggaaa	tagcaaataa	cttctcccta	aaaaaaagtt	tgtgctacct	13860
agtatattca	tgcaacctaa	tttgtttttt	tagcttattg	tctactaat	ttatcagtct	13920
ttttattttt	actttccagt	ttttagtttt	ttatagttaa	acatgtacat	attttaaaga	13980
ggcaaaacaag	gattttttgca	aaaaagcaaa	aaacaaaaca	gaaaaaccca	gcagtccacc	14040
ctcttaccct	ttgcattttc	ctccttgaag	gcaaccactt	tcaaatcaaa	atcatttagg	14100
ttttctgttt	gtttgttttt	gaaagagtct	aggctctgtc	gcccgagctg	gagtgcatg	14160
gcgcgatctc	ggctcactgc	aacctctgcc	tcctctggtc	aagccattct	cctgcctcag	14220
cctccagagt	agatgggatt	acaggctccc	accaccacac	ctggctaatt	tttgtatttt	14280
taatagagat	tggatttcat	tatgttgttc	aggctgggtc	tgaattcctg	acctcaagt	14340
atctgtctct	cttggcctcc	caaagtgtcg	ggattacagg	catgagccac	cacacctggc	14400
ctagtttttt	tttttttttt	ttttaataaa	cttgcatata	ttgataattc	cagttttcgg	14460
cattatccac	cagttttcca	ctatgaatga	tgaggattca	tcctttctat	tcacccctca	14520
gtattactca	ttcctaactt	tcttacctgc	tccattctgt	tcttttcaat	ctaagaagaa	14580
aataaggtag	aaatcacttt	tcttcagtaa	attaagccta	atcctccatt	gtcttctagt	14640
tttgtgtctc	atgactccaa	accattgttt	attcctttta	ctttgaatgt	gaccattttt	14700
tttccatctc	tagaacttgt	ggggtcttta	tctccagtgt	tctgaacttt	ataaaattgt	14760
gccgtgttct	cagtgaagcc	tttcaatctg	gaaatccttc	agtctgggga	aattccctga	14820
attatttcac	tgattccttc	ttttttctgt	tttcttccat	gtctttctct	tggectcttt	14880
tttggaatgt	agacctctgg	gatcagtctt	ctgattttct	tatatgttcc	cctttatttt	14940
tcataccttt	gttttttggt	cttctctcta	gaaaattttac	tttatactcc	aaaccaacca	15000
tggagtggct	taaagtagca	cagaggattt	aacttatggt	tctgaggatc	aggagtctaa	15060
catgagcctc	acaggactaa	tgtcaaggta	tctaggacta	acaaggatat	ttctttctag	15120
aggctcttga	gaaaaatttg	tttcttgcac	attcagggtg	ttgcaattcg	gtgtcgcag	15180

attgtatgct	aaggctcctgt	tttcttgatg	gtgggtcaact	aagggctcat	tcagcttata	15240
gaggtcaccc	gtactccttg	gcccattggc	cccttttctc	catcttcaaa	gccagcaaga	15300
gtgggtcaag	tcctctcatg	ctttcgaaac	tctcctgcct	ctttttctgt	tgtggcatct	15360
ctcagtcaca	agattctcag	ctcttaagag	cacatgtagg	tggggtgcag	gggcacacac	15420
ctgtaatccc	agcacttttg	gaggccaagg	tgagcagatc	acttaagctc	aggagttaa	15480
gatcagtctg	ggcaacgtga	caaaaccccg	tctctacaaa	aacatatgaa	aattagctgg	15540
gtgtgggtgg	gtcatctgt	agtcacagct	acctgggagg	ctgaggtggg	aggatttttt	15600
tgaatcctgg	aagtcgaggc	tgcatgttagc	caagatcatg	ccactacatt	ccagccttgg	15660
tgacagagtg	ggaccctgtc	tcaaaaaaca	aaaacaaaag	agcacatggt	attagagtgg	15720
gtccatctga	taatccagga	taatcttcct	ctctcaagat	ctctaaccct	tatcaagtct	15780
gtaaagtccc	tttttgccaa	aggttctggg	attaggacac	agacatcctt	ggagatcttt	15840
atcccaaatg	atacctacca	caggagtttt	aatgtctgct	ataatataat	ttctaacaac	15900
tgggtttttct	ctgaatgctc	cattttttta	tagagcaaac	tatttttgtc	tcatgttttag	15960
gatatttttca	cttatctctc	tgaatataat	aacaatagct	ttaaagatct	gtttgtttcc	16020
ttctccttgt	atagtttgtt	tctgttaagt	tgctttttta	tgggtgttat	tttggctctt	16080
atcttccatt	aagggacttg	tattagtgtg	gtcccacgct	gctaataaaa	ccatactgga	16140
gagtgggtaa	tttataaaga	aaagagggtt	aattgcacag	cagtttcaca	tggctaggga	16200
ggcctcacga	tcatgggtga	aggcaaaaga	ggagcaaatg	catgtcttgc	atggcagcag	16260
gcaagagaga	gaacatgtgc	agggttaactc	ccattttataa	aaccatcaca	ttttgtgaga	16320
cttatttcaact	tccacgagaa	aaatatgggg	aaaactgtctc	ccatgattca	attatctcca	16380
cctggctccg	cctttgacac	atagggatta	ttacaattca	agatgagatt	tgggtggggg	16440
cagagtcaaa	ccatatcagg	gtttttctct	ggatcatggc	tgcttgcctt	gagcatgaag	16500
cagctgactg	gtctcttttag	gtacgtgggc	aagatttgtg	accatagatt	tgagggttaag	16560
gtgatctggg	ttatccaatg	tcaacatttt	tggttcttta	ctcttaggtt	ggttaaattc	16620
ctgagagatg	gatctttcag	tctcctgctt	tcacagtata	tgcttgctg	tttgcactct	16680
gagaaccaag	cagagcaagg	ctggagaaac	agcaattcatg	atgtgaactg	ctaataaatt	16740
tttctgcctg	tattaggaaa	tcctcagcct	caaattgtact	tagtcttcta	gtaaagagat	16800
tgtcaaattt	ccttctccag	agaagccact	ttagtattct	tgcagaatag	ggaaggggat	16860
gggacccaac	ttcttaagta	aactttcaac	caatcctctt	gttttgagcc	tcactttctt	16920
tctacatcca	cagatacctg	atgccaaagt	ctgaggtttt	tggaaagtgt	gcagtggaaa	16980
ttaggttctt	cttggtcttc	ccagtttagc	atttggcctt	ctcagattca	caagatcaat	17040
tatcattacg	tagacactca	cattctcttt	gtccttgtga	gtttatctct	ttactgtaat	17100
tttagcagca	tagagaggaa	gtaagaatga	atctatgttg	agaatttaca	agaacctctt	17160
aatttttttac	ttcagaaggg	tgagctttat	ggtacatgag	ttatatctca	ataaaaaaca	17220
ttttaaaaat	aaataagggt	ggatgctgtg	gttcatgggt	gtagtctcag	ctactcagta	17280
ggctgaaatg	ggaggactgc	atgagcccag	gaggttgggg	ctgcagtggg	ctgcacatca	17340
gtgcagtggg	ctgcattgat	cctgccactg	tatttcagcc	tgggcaacag	ctgagaccat	17400
gtctcaatca	atcaatcaat	aaaaatgtgt	ctgatatgcc	atctttatcc	taaagtatga	17460
ctccatagtt	tagagatgag	gacagtgaac	cagagaagct	taagtggag	gcctaagata	17520
gtgatgtttt	ctttctcttc	ttcttctttt	cttttctttt	ttcttttctt	tttttttttt	17580
ttgaggcaga	gtgttgctct	gttgcccaca	ctgagtgcag	tgggtgcaatc	ttgactcact	17640
gtaacttcaa	cctctcgggc	tcaagcaatt	cttctgcctc	agcctcctga	gtagctggga	17700
ctacaggcac	ataccaccat	gcttggttaa	cttttgactt	tttggtagag	acaaggaggt	17760
cttactaagt	tgctcaggct	ggtctcaaac	tcctggactc	aagcaatcct	cccactcaa	17820
ccttccaaag	tgctgggata	acaggctcta	gccaccacac	tcagatccat	agtgatgttt	17880
ttgtttgttt	ttgtttttga	gacagagtct	cactccatca	cccaggctgg	agtgagtggt	17940
tgccatttct	gctcactgca	acctctgcct	cccagattca	agctgttctt	gtgcctcagc	18000
ctcccaagta	gctaggatta	caggcatgtg	ccaccaccac	tcctggctaa	tttttgtatc	18060
ttagtcgcca	tgttgggcag	cctagtcttg	aactcctgac	ccccaatgat	cctccctcct	18120
tggcctccca	aagtgtctgg	attatagata	tgagacactg	tgcttgccca	gatagttaa	18180
agtgatgggt	tagataaaatc	cactccagag	ttttcagttg	tttctggctt	tgagagttta	18240
tatttttggt	acagtggcac	agaatttggc	ctttcatcaa	agaccctggg	cacttgccat	18300
tctggcctac	accatttctg	ccagaggacc	attggcattc	tggaaaacta	gctatctttg	18360
caggggctgaa	atggttttga	agacactgag	ttgaaacaccg	tgtaaaaaatt	tagaaaatat	18420
gttaatcatt	taattgttaa	atatacatat	ctctaattgca	ttttataccc	tggagtaatc	18480
ttagagagag	atgaaaagat	tagaacggtg	atggtggaga	ctccaggaga	aaagggacaa	18540
tggctctccc	agcactccct	tccttaccac	gttcccatat	gtaatttgat	aaatacacag	18600
aatccagagt	ggcttaaaaa	catacaagaa	agattaagtg	tctatggctt	ttcttaatgt	18660
agccaaaatc	aatagtgtga	gatcgtttcc	tgtaaatgtt	taggtattta	tgtgtccaac	18720
ctccattagt	gttaagtact	cttctctgcc	aatacctgtt	tctacacatt	tttaaaagt	18780
gtttatttca	tattcacagt	cagtctctta	catggatggc	taagagaata	caataagatg	18840

gctattcaat	tatcttaagc	aaaaaaatgt	tcattacctg	acattaaatc	aattttttctc	18900
caaaacttgt	tcttgatctc	ttgggcctcc	taaccttcat	ccctttgttt	actaccatga	18960
ttcaagcagg	aagagtctat	ctttctctcg	gatgatgata	taattttcaa	aattgtggta	19020
tcatatgcct	tattttgttt	gaacaatcag	agagccagaa	ctaccctttg	acataggtag	19080
ggtagtcaga	tttagcaaat	agaaatataa	gacaacttgc	taagaattta	agataaaataa	19140
taaattttag	tataagtatg	ttgcaaatat	tgtagggtat	acttttttgg	gtttttttctg	19200
agatgaagtc	ttgctctgtc	actcaggctg	gagtacgggtg	gtgcaatctt	ggctcactgc	19260
aacctccacc	tcccgaagtc	aagtgattca	cctgcctcag	cctcctgagg	agctgggatt	19320
ataagcatgt	gccaccacac	ccaactaatt	ttttgtattt	ttagtagaga	caggggttga	19380
tcacgctggc	caggctggtc	tcgaactcct	gacctcaagt	gatccaccca	ccttggcctc	19440
ctaaagtgtc	gggattacag	gggtgagcca	ccactcctgg	ccagggatat	acttacacta	19500
aaaaattact	tgtcatttat	ctgaaattca	aattgaactg	gggtgccttt	tatcttatct	19560
ggcagcaacc	ctagaccag	gctacctgaa	gcccctccac	tgggcgccct	gggtcccata	19620
gagacttccc	actttttgtt	tccttgatga	gcagtcctta	gcatacaata	tctaccccct	19680
ctttatcaac	ggtgcatctg	atacctataa	ctacagaatc	tcttgccata	actggccaac	19740
atctgttgct	aaggccttca	gctttttctc	caggacagtc	cttttgagtg	caaccctaga	19800
atggagggtat	ggccaagggt	cggctgatgg	gaaaggggtg	atagagatgg	gatagtctct	19860
aaggcatcca	cgcacaaggg	agtgggccag	cctgggtgcag	gacagagtca	aagtgaagg	19920
acagagccag	agagagaaagc	caggggctcc	atgtgtatcc	tcgccccagg	ccccacaaat	19980
atgaggggta	agactacaga	aagcatccca	cttgccacac	attctgtgtg	atcttctgctg	20040
gctatcggtc	aaggaagata	catacaacaa	gggcagagta	tagagttttt	ccacttacat	20100
aagtcggttt	ctatctatcc	ttttcaatac	cttcatttgc	ttcaatgcat	ttgtttcagg	20160
ggaagtttac	aattttcttgt	aaaaatttca	ccaacaaatg	agtattctga	aaaaagaaac	20220
ttaaaaaaag	aaacttaaaa	aaaatccacg	ttcccatcaa	caataacacc	acaaagtaaa	20280
tctagtgttt	ctttcctgta	ctgagccttt	taaatgtggt	tcaactcaat	gcaccaggt	20340
gctctgttta	agtgtagcc	attctccaga	gattcctcag	agtgtctaaa	cataagacct	20400
gttcatttca	gaagataaac	agcataaatt	gtaagcacag	attctgtcag	aagaaaacaa	20460
atgaagtagt	acgaagacac	aagagaaaag	caggcttttg	tagaaataca	tgtagtagga	20520
agatgtaaga	gaaaagcagg	cttttggtga	aatatcatgt	actaggatat	ttatagtatg	20580
aacagtgtc	atttaacctc	aaagagaaaa	ttaagttaat	ctatctctaa	ggctcaggat	20640
tgcattgtatc	cacctacgtg	ggtgcatgcc	agagtgcatt	ttctatatgg	cgcattctat	20700
cagttgggat	tgcatttggc	tccatctaac	agaaagccaa	ctacagtggc	cttacaaagt	20760
caggcattha	tttttttcca	gtaagaagca	ggtctctgat	gccatggatt	cttgggttct	20820
ttctgccgtc	cttggcttgt	gaatttcttc	ctcgtgtttg	caaaatggct	attgcccctc	20880
taagcaggaa	tgggaagggt	gaagggccaa	gtaattgtgc	caagtctgtc	ttctttttaa	20940
atgctttctt	cgagattcca	attagtacag	tttgtcaca	tctcattgga	cattaatgag	21000
agagaccac	gtccagctgc	aaggcagttt	gaagtgccta	gtgtttcagc	tgggcacatt	21060
gccactccaa	acaatatatta	ggttatctta	ggaaggaaaa	caggaaggct	gtttatcagg	21120
taggctatth	gccatctctg	ctgcatgtga	actactctat	aagctcttca	aaagataaga	21180
ctttttttcc	tttcagcata	cataacaagt	tcatcactat	atagtaagtt	aaacagatac	21240
aaacaataaaa	tatttgtaac	ggacactcac	gttcaagtgc	tatttatattg	tccacaaatt	21300
agtacattga	gagattgtct	ctccagatgt	ttatttctat	acaatagatc	tcagcatcag	21360
ctagtcaaaa	attctttacc	acatacagaa	ttttctgctg	atgccaaaat	ttacctttat	21420
gttacattaa	aaatttttta	aaaaatatgg	cacctttttg	ggctcaagca	atcctcttgc	21480
cttagccttc	tgagtagctg	ggtttacagg	caaaccacac	catgcctggg	ttaaaattac	21540
aatattttatt	aattgcatgg	tagaattaaa	ggatgcagag	atgacaaaaa	taatctttgc	21600
ccacctggaa	cttttttttt	tttttttgag	atggagtctc	actctgttgc	ccatgctgga	21660
gtgcagtggc	gtgatctcag	ttcactgcaa	cctctgcctc	ccgggttcat	gccattctcc	21720
tgcctcagcc	tgccgagtag	ctgggactac	aggcgcccg	caccacacct	ggctaatttt	21780
tggtatthtt	agtagagatg	gggtttcacc	gtgttagcca	ggatgggtctc	gatctcctga	21840
cctcgtgatc	cgcccgcctc	ggcctcccaa	agtgtctggga	ttacaggcgt	gagccaccgc	21900
gcccgaacaat	ttttgtatth	ttagtagaca	caagggttca	ccatgttggc	caggctgggtc	21960
tcaaaactcct	gacctcaagt	gatccaccgg	ccttggcctc	ccggagtgtc	gggattacag	22020
gcgtgagcca	cggcgccagg	cctgtttttt	gattttttta	ataggccatt	ttaaaggactt	22080
taccacctgg	agcttgtaac	ctaataggac	tgtgaaacat	acactggtag	catcctggca	22140
ccagtgtctg	ggtgagtggc	acaggagagg	agccaagtgc	agtcaagta	gaaggactca	22200
aatagaagag	atcacatctg	gttgagtcaa	acagtaaacg	tcccagaag	acactggaag	22260
atgcaggctg	gagagagcta	cactttacat	acagcacgac	agtatagaga	tattaatagc	22320
atacagtcac	ttcaggtaac	tacaagtaat	tttaaaacat	ctgaataagt	gcttctttgt	22380
tgtctgtgga	gtgtacaca	atgcttcggc	ctaaacgtca	agcaacacag	aaaagaagcc	22440
ccacttcatt	tgcagcctca	gatagcttac	gaaattgaga	caccacctga	agaccatgac	22500

ccatacaatc	aaagtgactt	catggaagac	gagtaactgc	aaaaccctgt	gaaaacagat	22560
tgttaacgct	actaatgaaa	agaactggat	tgttacggga	acctcaaaact	gtcctttgat	22620
caacggacat	gacgcctcaa	cacgcatttt	ccaaagatct	ctgctgataa	ttctgacctt	22680
cggttaattt	aattaatttc	atttgattta	attcatttta	gtgttgctct	cagtcccgca	22740
ctcaaaacag	atttttatta	tatgaaaatc	ttcctagtc	cctaaaaaat	ccgcattcta	22800
tggaaaagac	tatataat	ttcaagagat	tctttgcaat	tttcacctat	gctgggttat	22860
gacctagtta	gagaagacat	catagggcat	tatttaggta	ataaaataca	gagagaaaag	22920
agccactggc	atttctaaat	aacgttcctg	tgtttcctac	tgtaagtata	ggaaagtagg	22980
tgttcgcaga	tgcagagaaa	gggcatctcc	aaggcctcgg	aggaaacttt	tgattttata	23040
aataacttga	tggtggaagg	caaacgccat	cccggttccc	aagcaggctc	cacgcagcct	23100
ccatggccga	gtccatctcc	tgcgcgtcct	cttccctcct	cccggccgac	ttccagccgg	23160
tgcgggagtc	gggggtgcgc	cggccctcct	agcgtgcgc	cgcccgcgcc	gacgtggcgg	23220
agcgacaggg	tgcaccgggt	caggtgggtg	ggtagcggcc	caggaaagcg	ctccagggcg	23280
agggcgggcg	gcgcccgcgc	gcccgcgcgc	tctgggggtg	gggacttcgc	gggagtcgcc	23340
ggcggaggcg	aggaggagct	ctgcgcggcg	cggcgggcga	tccgagccgg	gacgggctgc	23400
aggcgggggt	gctgcagagg	acacgaggcg	gcgggctgga	gacatggacc	gcggcgagca	23460
aggtaggggc	gcggacccag	cgggcttggg	ctcgggcttg	gactcgggct	tggactcggg	23520
ctttggctcg	gcgcggggct	gagcgcggcc	cggcggtcgc	agcaggtgcc	gagcctcctg	23580
ggccggcgcc	gcaagttgca	tctcccggat	ccggatctgg	catcctgggg	ccctggaagg	23640
agcggctctg	gcgggggcag	atgggactgc	atgtgtgagt	gtgagtgtgc	gtgtgtgggg	23700
gagagggaga	gaaggttctg	ggaggtggcg	aaggggctag	cgtcaggggc	tggcgggcgt	23760
gatgcgcttt	gggtggaaag	ccgcgtgaag	ggagcacggc	gcagccagct	cctgtaagtg	23820
actggaacca	ggaacagagg	acagtgaatc	gctctcgtcc	ctccaggtgg	gaaacccctc	23880
tctccctcat	aaattaagac	tttctgcctt	cttctaagtt	caggtggtta	ggatttttgg	23940
tggcgtatga	cccatggggg	gtttggggag	cagatattta	tcatactaga	aacccccaga	24000
ttgtggagtg	gtgtctgtgg	gtttgaggga	agagagcttt	tcgtaggaag	ggtgaaatcc	24060
cacaacacaa	aaccttcagt	ctaattttacc	atagcgttgg	gtgcacttgc	ttctgaaaac	24120
agctcaagtg	aaattacccc	caaataagac	aatagtaggc	catggttttc	agatttaaat	24180
agtttcatcc	tagagatctc	tgtgatcat	aagcctgtga	ctgtacgcag	atgtgtgtgg	24240
cacgctttta	aaaagataca	taaatgctga	aaaaagaaaa	caaggtaggt	aatcttggga	24300
agtgaggata	ggaatcactc	ctgttttgag	ccctgacaca	agttttcatg	tattgcttat	24360
tttccctccag	tatgtgccgt	catgtgtgca	tttttatgta	aatcaaacca	tattccaaat	24420
atactatctt	gtactttatt	tttttcagac	tctggtgttt	tttttgtttg	tttttttgag	24480
tctccacctg	tagcccaggc	tggagtgcag	tggcgggatc	tcagctcact	gcaacctctg	24540
cctccctggg	tcaagtgttt	ctcctgcctc	agcctcccaa	gtagctggga	ttacaggtgt	24600
gcgcaccacc	agcccggtca	attttgatt	tttagtagag	acagaggttt	ctccatgttg	24660
accaggctgg	tctccaagtc	ctgacctcag	gtgatccacc	cgccctcagcc	tcccaaagtg	24720
ctgggattac	aggtgtgagc	cactggggcca	ggcctgtact	ttactttcat	ttacttgtaa	24780
gatagactct	ttggagtctt	tcagctcttt	cctcgctccc	cttcagatta	atttcagact	24840
taacacaagt	gcttacaaac	attacataca	atatgcttta	tatgtgttac	ctatgtgtat	24900
atataatatta	tacattacct	gtataacgta	tatatacaca	tacataattat	tatctaaatt	24960
ttaagcttct	tgaggttaga	aacatttcat	ctttgggtgt	cctgagtggg	ataacatgat	25020
gacttgtaca	tagtagacat	gcaaattgtt	gagttagaaa	gcttgtcaca	tgtcttgat	25080
atattggttag	cgggcttagg	ggccaccatg	taagtcagca	ttatgtctgt	ctggctttca	25140
atggggcgga	agcaggacgg	gggagacatg	acgacaaacg	tgcccatgtg	tatttgata	25200
ctaactctgt	acacactgtc	gtttgacata	atgatgtttt	tagaataact	atgtttggta	25260
cttgtcaaag	taaattaaac	ggctgtgttt	tacttacgtg	agtggagtaa	ctagttttag	25320
tagtgtttgt	gttctagctt	gggtggtaag	aatcaacagt	cattggtagc	actgcagtat	25380
tccaacttct	tgtgtagtgt	ttataggact	agtttaagtg	tctaattcta	agacataatt	25440
ttttcaaatac	tttatcttgt	aagatgagtc	ttttcgtgtc	tataattttc	ccatatgttc	25500
tttggttgag	gtggaggact	ctgctccgaa	tgaagaaga	ggcactgcct	tgggaggggtc	25560
agttcatatta	ctccaaagct	ttgctgtgtt	agaacaacgt	ggccaaggct	gggtgcgggtg	25620
gctcacacct	gtaatcccag	cactttggga	agctgaggca	ggcagatcac	ttgaggccag	25680
gagtttgacc	cctgtccaac	aaggtggaac	cctgtctcta	ctaaaaatac	aaaaatttagc	25740
tggcgcggt	ggcaccggcc	tgtagtccca	gctattcagg	aggctgaggc	aggagaaatca	25800
ctagaaaactg	ggaggcagag	gttgacgtga	gcttagatca	aaccactgca	ctccagcctg	25860
ggcgacagag	cgagactcta	tctcaaaaaa	caaacaacaa	caaaacaaaa	ccacctggcc	25920
attccttact	ctgtctcca	cctgcctacc	tgccttttca	tctttatgtt	accagtgac	25980
acagtaggtg	cttagaaata	tgtgttgact	gcctaagatg	agtgaggaaa	gtgtccaaga	26040
gcaggcccca	gccatagtaa	cctctgtgtc	cctccaaatc	catctcttgt	ttcccacttt	26100
ctcctgttct	gttttccctg	tctattctca	agaagcagaa	cttagccaga	gagttgctga	26160

taaggcagtg	ctgggcttgg	aggataaactt	tacatggaag	atccttagaac	tagtagagtg	26220
gatgactcag	tcttaagtga	atctggagca	agactcctgc	cttaaaactgg	aaaaggcaca	26280
acctgggatt	ttaaacctgg	tggtcactag	caaactgtgt	tggctgaaat	aagggtttatc	26340
aaactctgtg	attgtctcct	gaatttgtgat	tttggcaaca	tacttaaaac	caaagcagaa	26400
aatttttagga	tttgttgaac	ttttaatagt	ttttaatgta	catggagttt	tcttatattt	26460
gtcccttaaa	aaatccctaa	tgaaactcta	gttgtaaaat	taaatgccct	acctcttgtc	26520
ttacatgcat	ttatctattg	aaaatccctc	ttccaacctt	cttatgtgaa	gttatcaaaa	26580
aatctgttct	tgctactgat	tgtacttaac	agagctgtaa	atttttaaaa	taaacactga	26640
gttttcccta	gtttttcaac	cacgagtatt	ctaagtctct	gtagtatcag	gccagattc	26700
tgttgttttt	ctactttctc	tcatacctag	ggcttgaata	caatactctg	cttacagtga	26760
gagttcagtg	aacatcaaat	gattttaaatt	acgttaaatt	gcatcatgcc	tttcaagagt	26820
ttccaagcat	taagctcagc	gcagcacatt	tactgtgtgt	ggtatttcct	actttgatag	26880
agcagtgttg	ctaactagag	catacattgt	gtagaaaacc	ctcctgacta	ccttttatgg	26940
agctgaataa	atatgtatac	ttgagtgtct	tcattgttagt	cataaccttt	agtttagcac	27000
tgttatatag	aagtgcacgt	cacgtagccc	actacacatt	atactagttt	gaatttaaac	27060
aaagcaaaac	aactttataa	ttttaagggg	aagaggaatg	gttcttgagg	ccaaaaaact	27120
agagaggaaa	ggcttcaaaa	aaagaataac	acaataatat	gtcactatca	ttttaacatt	27180
gtaattgtgc	cttagaataa	aataacagaa	atgtggggta	tcatttattt	aaaaataaag	27240
caaatgtaga	gaataatgga	taataatttt	gagggctctac	tcccaagtct	ctgggtgtga	27300
cccaccccat	ccaggctgtt	aattttattg	gtcaacagtt	tcgtgatttc	catatgggtc	27360
tgatgtcttt	gttagctctt	cttcacttcc	tgcatttatt	tttatgtggc	aggctgccta	27420
gtccctaggg	gaatagctga	gtggtaggag	gggttgtgat	cttttagcaa	gatttcaaaa	27480
cagaataatg	tatgcatgta	ataaaaacaa	atacgctcac	tcacagtgca	aaaccaaaaa	27540
gaacacccaa	atccctggaa	cttctgtgct	actaagtctt	ttgttgtagg	ctaagattat	27600
tttctttttg	gggttaatta	tttctgcctt	aattattgac	tgttgtagaa	tctctcttct	27660
gagacattcc	caaattttat	ttaaactagt	gggtaccagc	tgtactgaaa	ccataatttt	27720
agccatgtat	ttttattaga	aaaatgtttc	caggggatta	aggaatttta	atatttagtg	27780
gaagttttaa	aaaagaatgt	aaaatgcctt	tttggaaact	aagaatagtt	gtctatttta	27840
gaaaaatcag	aaatattgat	ggagaaaaaa	gaaaattacc	cataatcctg	tgcgagaatg	27900
agaaatcata	gttagcata	taattttatac	ctgttcatgt	atctatgctt	taaacaaatc	27960
acaattttat	tattattttt	tttaacagtg	tctcgctctg	ccaccagggg	tggagtgcag	28020
tggcgtgatc	tcggctcact	gcaacctctg	cctcctgggt	tcaagcaatt	ctcctgtctc	28080
agcctcccaa	gtagctggga	ctacaggcgc	atgccacgac	accagctaa	tttttttgta	28140
tttttagtag	agatgggggt	tcattcatgtt	ggtcaggctg	gtctcgaact	cctgacctca	28200
ggtagactgc	cctcattggc	ctcccaaagt	gctgggatta	caggcgtgag	ccactgtgcc	28260
cggccaacaa	atcacaaaat	ttcttattga	atattgcatt	ttataacttg	cccttttaaa	28320
aaaaccctaa	atgtatttaa	aaaatacact	ttaatggcgc	catgtggtgg	ctcatgcctg	28380
taatctcagc	actttgggag	gccaaaggcg	gcggatcacc	tgaggtcggg	agttggagac	28440
ccgcctgacc	aacatggaga	aacctgtct	ctactaaaaa	tacaaaatta	gccgggtgtg	28500
gtggcatatg	cctgtaatcc	cagctactag	ggaagctgag	gcgggagaat	cgcttcaacc	28560
tgggaggcgg	aggttgcagt	gagtcctctc	ctcttgccca	ggctggagtg	caatggcacc	28620
aatttggtct	actgcaacct	ccacctcctg	ggttcgagtg	attctcctgc	ctcagcctct	28680
tgagtagctg	tgactacagg	cgtgtgcctc	cacgccataa	tttttctatt	ttttagagag	28740
tgggtttcat	catgtagtcc	aggctggtct	cgaactcctg	gcctcaagtg	atcctcccg	28800
ctcagcctcc	caaagtgtctg	agattacagg	tgtgagccac	tgcgcctggc	ctagagcagc	28860
tccattttta	atggccattt	gtatgtattt	atttatagat	gtaacatttt	atatactgtt	28920
atagacaata	tttaacttgt	tcctgttgta	tgaacattta	cattttgcct	tgtaggggag	28980
gaaaaatttc	tcctaccctt	tttaggggtt	ctggcgaggc	ctaggaatta	aaccaacatg	29040
agatagatta	acaggagaaa	agcatgcaaa	ttttatttag	tgctttttat	gtattacata	29100
cctttttacc	tcacaagagg	aatgaagact	caaggaagtg	gcttggcctg	atcgattata	29160
tactaggtca	aaaaaagagt	ggcagttgtg	gaaaagtaac	taggaaggta	aggtttagtt	29220
tagcaagggt	tctttatgca	gatttctttg	ggcttggact	tctcttgata	agaatgtttc	29280
tttcttctct	gtagagggag	gacatctttc	atattggagc	ttcatcttct	gctttcagga	29340
aaaagagagg	aggtttgggt	gcccttctta	acacctgtctg	tttttcaagt	gccttttagc	29400
caaaataatc	agcatgttaa	agtggaatgt	tttgggatgc	tgtgtcctga	actccttcac	29460
cctgatattt	tgctgttaaa	acaaagctgc	agcaaagtga	tgtgtatgca	agtcattcca	29520
taaaaatgcc	agtgtgtctg	taggaagaat	tcttagaaga	atgtggctgt	tcaattttga	29580
tagtgccaaa	ttctgtctca	tagaagtggg	gccagttata	cttccaccag	catgtgcgag	29640
cgtttgcttt	cccttgccat	gtggccagga	tgttgccaca	cttttccatt	gttgcttgtc	29700
ttatagggga	aaaatggttt	ctcagtataa	gtcttactat	atatatttaa	tataaaggta	29760
gtttacttct	tttgatatgt	ttacaatcta	catggcattt	tctgtgaaat	atctggccat	29820

atcttttgcc	aatttttcta	ttgtatttta	tagaatgtac	cccgtttatg	agatgagttg	29880
ttaatttttt	ttctagtttg	tcataacctt	tttgacttta	tagtgatttt	ttttaacca	29940
gaagaaatac	taatagctct	tttttttttt	tttttttttt	ttttttttga	gacattgtct	30000
ccctctgcc	cccaggtgg	agtgtggag	tgctggagtg	cagtggcatg	atctctgtct	30060
actgcaacct	ctgctccca	ggctcgagca	gttcttggtc	agcctccca	gtagctggga	30120
ttacaggtgc	gtgccagcat	gcctggctaa	ttttttgtat	tttttagtag	agatggggtt	30180
ttgccatgtt	ggccaggtcg	gtctcgaact	tgtggcctca	agtgatctgc	ccacctgggc	30240
gtcccaagct	gctgggatta	caggagtggg	ccaccatacc	cagcctaact	aatggctctt	30300
ttcattttat	gattctagct	tttgaatcat	ttttagaagt	gcctccctca	ctttgagttt	30360
atgcttttat	ggttttat	tttatgttta	aatctttcct	caatctggag	tttgttttga	30420
taatgagatg	tgaggataaa	atcttaacac	ctccacctcc	aattggccac	ccaactgcct	30480
aacaccattc	attgactaat	ggcttcttcc	tctattgatt	tgaataacca	ctgttgtcat	30540
gtactaaatt	cttaccttct	tttcttttct	ctttatctgt	atgttcattg	ccagcagcta	30600
aacctagttt	aagtatttgt	agcttcataa	aatgtaaaaa	tgtctggaag	ggctagtttg	30660
ctctgattac	tctatttttt	tttctgtcag	tttttttcta	ggtattcttg	ccagactatt	30720
tccaaacgaa	cattagaatc	aacttatcta	ggtgaaaatt	caacaaaaat	catgctggca	30780
gatctttttc	tccttctctc	tcctcccccc	tttccccctt	ctgtctgtct	gtctctctct	30840
ctctctctct	ctctctctct	ctgtctctct	ctcacagtta	gaatttggtc	tgtttcttta	30900
ttcaataccc	caatatatgt	tcattagggg	tatactgtat	acactacaca	taacagtttt	30960
gttttttggt	ttggatatta	tttgataata	agaattttac	cacatcatta	aaaaagttt	31020
ccccaaagta	taatttttga	taattgcact	cttccactat	tcaaatgttt	atttaactct	31080
ttctctctct	gagtaggttt	acattccatt	ttagctatga	tactgcttta	agagaaattg	31140
ttttaagata	aatttccata	gacaggtcaa	aggaggtgaa	tatatgtaag	cttttcgatg	31200
cctgttactg	aatctcatte	tggaaaacat	aactgtcaat	gccctctttt	tctcatggta	31260
aaaaaataca	taacaaaatt	taccatctta	atcgttttta	aatgtacagt	acgatagtgt	31320
taactgtatg	tacctgtgtc	aacagatctc	tgaacctttt	tcatttttca	aaatgaaaac	31380
tctgtactca	tgaacagca	gcttcccaac	ttccccattc	ctccatcccc	taccctgggt	31440
aacagtcata	gaaaccgtga	ttttatgagt	ttgaccactt	tagatacctc	atataggtgg	31500
aatcatgcag	tatttgtctt	cttgtgatgc	ttattttatt	tagcatgata	tcggggctca	31560
tgcggtgtga	gcacatgacc	caatttccct	cttaaggctg	aataatattc	cattgtatgt	31620
atgtactaca	ttttctttat	tatttatcta	tcagtggaaa	ttaaggttgc	ttccacatct	31680
tggctgttgt	gaataatgct	gtaatgaaca	tgagtgtgca	aatatctctt	tgagagcctg	31740
tgttcacttc	ttttagaagt	atactcagag	atgggattgc	tggatcatat	gataattctg	31800
ttttaatttt	ttcagaacct	tcatactgtt	ttccataata	gctttacca	tttacatttg	31860
caccaacagt	acacaaggat	tccagtttct	ctccactttt	atcaacactc	gttattttcc	31920
gttttttttg	ttgtttgtgt	tgttttggtt	tgttgtgttt	tgagacacag	tctcactctg	31980
tcaccaggcg	tggagtgcag	tggctcaatc	atagattacc	ataaccttga	actcctgggc	32040
tcaagtgatc	ctctgcctc	agactcccaa	gtgctggact	tacaggttga	gccattgtgc	32100
caggctgttt	tgctgtttt	tgatcagatt	agttgttgag	ttgtacgact	tttttatata	32160
tatgttctgg	atattaacct	tttattggat	gtttgggttg	caaataattt	ttcttattac	32220
gtaaattgcc	tttttattgt	cttttttttc	ttttctcttt	ttaagagatt	gagtccttct	32280
cttttgtcca	gactagagtg	cagtgtatga	attctagctc	attgtagcct	tgaactcctg	32340
ggctcaagga	gtccttctgc	ctcagctctc	ctagtcat	ccttaaaaaa	aaaattacag	32400
agcttatagg	cttcaatttg	tctgtttcct	agagaggtta	tagatgttat	tatccatttg	32460
tatttccctc	tagagattgt	tacttatcta	ctttgggata	ttagtgtgtc	ttgccttctc	32520
attgttctct	gtcaccttcc	ctccttgcca	agtatttact	ttttctattt	tgttatcat	32580
tttggttatg	ttggatcttt	caatgttatt	tttattagca	aaatacagta	ttaggagcaa	32640
atattttcca	ggtgacattt	tgggggtaat	ttgcatggct	ttctgtggct	ttcagtactt	32700
ccttcttggg	gtcttttctg	tttagacact	tgtaatgggt	actaaaaata	gtgatttcag	32760
acaggctatt	aatttcatatg	ccttggctca	taatcatggg	gagtgtgttt	tatgttacag	32820
ctatacaaat	gtaaatgtca	gttttaaaaa	ttatttaagg	ccaggtgcgg	tggctcacac	32880
ttgtaatccc	agcactttgg	gaggctgaag	tgggctggatc	acttgggggtc	aggagtctga	32940
ggccagcctg	gccaacatag	cgaaccctg	tctctacaaa	aaatataaaa	ttagcccggc	33000
gtgggtggcg	atgtctgtag	tccagctac	tcaggaggct	gaggcaagag	aatcgcttga	33060
accagggagg	tggagggtgc	agtgaacca	gatcatgcct	ctgcactcca	gtctgggtga	33120
cagagcgaga	ctctgtctca	gaaaaaaaa	aaaatatata	tatatatata	tataaatgtg	33180
ttcttgataa	aagttttgga	ttgggaactt	attaacagga	tgaattttca	cccattgtat	33240
ccttagttta	tttggaggca	ttgtgggtgtg	gaaaaggagc	ttatgggtcca	atcaggaggg	33300
cttaagaaat	aaagatgata	gtttatccaa	cccactagaa	tgtgtacttg	gctagaaata	33360
gtgtcactag	aataggagac	tgctttacat	tttattccca	gcttgcagtt	caagtatgaa	33420
tgtagtaggt	actccataaa	tatttctcat	attgcacata	catcaatcaa	aaagacttct	33480

agcattaata	gagtcagatg	gatttggata	gaaaagacta	agaattaaag	aaggaacatg	33540
gtttggcagg	gagataggaa	tatatgttct	aaatatgctt	atagtcttac	atataatcac	33600
tgaaaatctg	tctgtgaata	taagttaaat	tggtactttg	ctcctaaggc	agggtatgtaa	33660
gaatgtgtgt	gtatacatag	gtagaagaga	cgggtgttgg	taaattttta	ttcttgaaag	33720
gatattggat	atagtgtctc	ataaatactt	cataaacaca	ttttcagtg	tgttctattg	33780
aagttagtta	tttacttctt	tttttctttt	tctttttttt	gagacagagt	ctcgctctgt	33840
tgcccaggct	ggagtgcagt	ggagtgcagt	gattgaggct	cactgcaact	tctgcctccc	33900
aggctcaagc	aattctcgtg	cctcagcctc	ccaagtagct	gggactacag	gcatgtgcca	33960
ccatgccggg	ctattttttt	tttttttttt	tttttttgta	tttttagtag	agatgggtgt	34020
ttgcctcggt	tcccaggctg	gtctcgaact	cctgagctca	ggcaatccac	cctccttggc	34080
ctcccaaagt	gctagaatta	caggcatgag	ccaccgccc	tgtccagcca	gttattttact	34140
tctaattgcat	tctgagccta	ggagacatgg	atggccttag	cacatgttag	tagtagtttt	34200
taaaaaacac	atttcagaag	ggcaagcagt	atgttgacag	tagtggaag	tgcttgctac	34260
tagtaaacca	gaacaaaaat	tctgtaaaga	gggaaaaatg	caaacatttt	gcctgcctga	34320
gacatttggc	aaatggatga	ttaatcttcc	atttcagtat	ggaagtggga	atattccata	34380
tggaagtgg	aatattaagt	atggaatatt	attttatgag	aaccagaat	gagaatgatg	34440
acgatgatac	cacatggcct	ttgagaactc	ttactaattt	tctacataat	atcttgtttc	34500
agtctttcag	tgctgcagga	aggtaggact	ggtagatttt	cattttatat	atgaggaaac	34560
ataatctgaa	tgatcacgac	ttccccagat	gtactctgct	ggatgtggag	agctctacaa	34620
aagcttcggt	ccaaatctgt	tgtctctaag	agaataatct	ggagtccaag	aaaaatttaa	34680
actacttttt	ttttttgaga	tgggtctctg	ctctgtcacc	caggctggag	tgcatgtgtg	34740
caatcatggc	tactgcagc	cctgacctta	tgggtcgaag	caatcttctt	acctaagcct	34800
cctgagtagc	tggggccaca	ggcgcacacc	accatgcctg	gctaattttt	ttattgtttg	34860
taaaggcaag	gtcttactat	gttgcccaga	ctgggtctga	acccctgggc	tcaagtgatc	34920
ctcctccctc	ggcctaccga	agtgtctggga	ttacaggtat	gagccactgc	ctggcctaaa	34980
ctacattttt	taatcagttt	atagggtag	gaacatctca	tactttttta	agaaatgttt	35040
tctttccaaa	taattgaaac	aaaattggaa	tcggaagtaa	cagagcttca	gctttgcatt	35100
acaattaagt	tttccagctg	gggttttact	gggtcatttt	tagtaataca	actactgtgg	35160
ttaccagcaa	caacatttat	tgttttctgt	atgtcagggt	ctgtctaaat	gcttttcatg	35220
ttttattttt	gaaaaatttc	agaacatacc	ctatgagcag	atgctaacag	tatccctacg	35280
ttacaaatga	aacagggcct	gaaggacag	agtaataact	ttttcagggg	cacacagctt	35340
ggcgagagaca	ggtctgggat	tttgatctgt	gatgtctggc	tagagagtac	gtgtccctac	35400
ccagcctata	cctatactac	ataaaaagtg	cagacaatct	tccttttctt	tgcaaagggtg	35460
ttgttcaaaa	gcacagtaca	gctgtggtag	gagccatgga	aaggagcacc	aagcagtgtg	35520
tctataccag	agtctggcca	gtgtgtctga	tcttatgcat	cagaattgat	tgtaaattag	35580
ttcagaatac	tgaacctgaa	gtcatatcga	gggtcaaaat	ttggcttcat	cattttcttg	35640
ttgtgagaca	ttggataagt	cactaaactt	ctctaaggct	gataatctac	atatgcatga	35700
aaattaggta	caaatctgtt	actagtactg	gtgtcaata	gatactgatt	tttgaaactg	35760
aatattagat	acttctgtaa	aatgctaact	cagtgggtcc	cagtttaaac	gaaacatttt	35820
atctcttttag	agacaagtgt	gatattggac	atagtgtctc	ataagtactt	cataaacaca	35880
ttttcgatgc	ggttctattg	aagttagtta	tttacttttt	tttttttttt	tttttttttt	35940
tttgagacgg	agtctcgctc	tgtcgcccag	gctggagtgc	agtggcggga	tctcggtcca	36000
ctgcaagctc	cgcctcccgg	gttcacgcca	ttctcctgcc	tcagcctccc	aagtagctgg	36060
gactacaggc	gcccgcact	acgcccggct	aattttttgt	attttttagta	gagacggggt	36120
ttcatcgttt	tagtcgggat	ggtctcgatc	tcctcctgac	ctcgtgatca	gcccgcctcg	36180
gcctcccaaa	gtgctgggat	tacaggcgtg	agccaccgcg	cccggcctac	ttcttttttt	36240
ttttgagaca	gggtttcgct	ctgttgccca	gcctggagtg	cagtgatgcg	atctaggctt	36300
tgagcctgct	ctcaggctca	taggccattc	tgaagaaaca	aacatacaaa	taggctgctg	36360
tagtagagta	gatgttgtga	aaagtattata	accctggctg	aggaggaagt	gagcaacgct	36420
ggctgggggtc	ttcagaaaag	aattcccaaa	gtaggtgacc	tttgaacttg	gacttgaaaag	36480
ctgctattga	ctgaatgttt	gcatctccct	cacccctatt	atccaccact	ctggcagtgg	36540
tagataatgc	tgaaagattt	gggttccatg	gatgggggtg	gggggtggag	ttgaggagaa	36600
ttgggttggg	gttgaagagg	agtggggtg	ggaggaggag	aatgggagg	ctggtacaa	36660
ggattgcagg	cctgtgggaa	tgggggaatg	gtaaagggaa	ggcaaccgga	aagggaact	36720
gctcttttga	gaagtcatgg	gtgtttttaa	gggaaatttg	gattaagtga	tgggaatttg	36780
cttggtctatt	cccaagcaaa	tattcccaag	caaatagact	atagatatta	aatttgaaatg	36840
tcgttttttag	ttcctcagta	gagaggatga	gtagtttggc	atgtgtgtgt	gtttgtaaaa	36900
tgagagcaga	aactagaggc	atggggagaat	aactggattt	gctatgcctg	tggatgccac	36960
tggttttagt	taagatgctt	ttaatgcaaa	atgtatttta	atagtgatat	cgtagagttt	37020
gaccttcaag	aagctcaagt	ctgtaagcaa	taattcactt	taatgtgtaa	gagccttgca	37080
gagaataaga	acataattaaa	tatttgcaga	atgaaagtat	tatactttcc	ctgggtggta	37140

tgatagccag	agaagcagtt	tagtctagag	gtgacatttg	ggtgaaattg	tagtaatgct	37200
gtgatttttag	aattttaacc	agtgatttct	aagggccaac	ctgaagcttg	ttttcatcgt	37260
ggagtgcctt	ggctatggga	ctgatttgtg	cagcttctag	atttgtaac	tattctcgt	37320
cgggtttttt	tgagaaatga	ttttcattcc	agaacagcag	ttcctcgacc	tgagagtcgg	37380
tcagtgcctt	tcttcaggtc	attggtgagg	gggaaaccta	tcggccaagc	ctgcctctcc	37440
tggtgacttt	atagtgcctg	gactttatag	tgactttaca	ctgctgattg	tgtcagggat	37500
tcaatgaaaa	tcttgactga	tggtaaagag	ggcatggcag	atttctcttg	gtttaggagt	37560
tttatttttc	ccagcattac	catectttcc	caaacttatt	tccttttttt	tttttagcct	37620
tcaagagggg	cctctgggtc	caggagccct	gtcttcgcct	tggttgggct	ctgtctgggg	37680
ctgtgggtcac	tgagatgac	attctcttga	ctggattatt	aatttcacga	tgatgactat	37740
agatactaaa	tttgaaaagt	agtgaagtct	gatgaggcaa	ccagcttttc	aaagtgcatt	37800
ttgtgaattc	cctccaatcc	aaagtggagc	gggaacctca	aatcactggt	tagacttggg	37860
attattaaat	aatcagctcc	atthtggcaa	agagcagtct	ccctttctgg	ttgccttccc	37920
tttaccattc	ccccattcct	gcaggcctgg	aatccattgt	accagccctc	ccattcttct	37980
ccacccacc	ccactcctct	tcaacccgac	cccaattctc	ttctactcta	ccccaatcca	38040
cagagcccaa	atctctcagc	attatccacc	actgcttctt	atcaccaaat	ccagtatcta	38100
ctcttccctc	tcaacctact	tggtatcccc	acagccttgg	aaagtccagc	actgcatttc	38160
ttaatctgta	ccttcccttc	cccctgagat	gttcacattc	catgctcatt	tctccttggt	38220
tctcctattc	tttttccctg	gccatctaaa	cagcttaata	gcttcaaata	tcacacgtcc	38280
tcaggtctcc	taaaacctga	tatcctgccc	agctctttct	cttagaaatc	catatgtcac	38340
tctgaatct	acccacatca	acatcccaca	aagacttggg	gatgggttta	aaacatgttc	38400
acacattcgt	tgatactcct	ccctccaaaa	gggtgtctga	ttccctctct	cttgaatatg	38460
ggctggcctt	tgtagacacat	ttctaactaa	tagaatgaga	cgggaagtga	accatgtgac	38520
ttctaaggct	aggccataaa	aagccacaca	gcttgtacct	gcctctcttg	gaactgctgc	38580
cttgagaacc	ctgagcgaa	atgtaagaag	cctggacacc	ctgagtctgc	atgctggagg	38640
ccagcagac	agagacagg	gccaggaac	ctcagttgct	aggtcttctt	gggtgcagta	38700
gcccctcatg	tgagcgggtg	caccttcaga	tgcccctagc	ctcagctctc	aagtcccccc	38760
aactgaggct	gagtggagca	gagaatagct	gtcctgacca	agccatgccc	aaactacagt	38820
agtgtgacca	taataaatgc	tggtgtttaa	aaacctaaag	ttctgggggtg	gcttgttatg	38880
cagtattgga	taactggagc	agaccttaaa	tatgatgtac	cccccaaaca	aatgcatcat	38940
ctccatccct	tcatctgctc	ttctttctat	atthtctttt	cttttctttc	tttttttttt	39000
tttgagatga	agtthtctct	ttgttgtcca	ggctagagtg	caatggcaca	atcttggtct	39060
actgcaacct	ctgcctcccc	ggttcaagcg	attctcctgc	ctcagcctct	cgagtgcgtg	39120
ggattacagg	cacacgccac	catgctggc	taattttgta	tttttagtag	agacagagtt	39180
tctccatggt	ggtcaggctg	atcttgaact	cccagcttca	agtgatctgc	ccgcctcggc	39240
ctctcaaagt	gctgagatta	caggcgtgag	ccacgcgcgc	tggtcccttc	cgtattttct	39300
atctcagtaa	cttctccatt	caatctgaaa	gattttctct	acttttccct	ttcctcagat	39360
gcctcgagtc	ccccctccact	gctcaacgtc	tgactattcc	aaccttgagc	cttgcagaaa	39420
tccagcactc	acaccccatg	acacccctta	cctgggttga	ggattcataa	atgccttttt	39480
gccctctcat	acctctgcat	tggtgcactt	gctgaatctt	cttcgtaaat	ttctttcctt	39540
gctgttctct	ttattctctc	accacctcaa	atcactggaa	tagggagacc	caaggaaagg	39600
gagagagatg	gaggaacggc	cagtcagtgg	agcagtcaga	acacacacaa	catttattga	39660
ttaaatttgc	tgthttatata	aagcatgggt	atggtgcatg	aaagcaatta	caatagtaac	39720
atcaggcctg	gagcagttgt	ttatgcctgt	aatcctagct	acttgggagg	ctgaggcagg	39780
aggatcgctt	gagccctgga	agcggagggt	tcagttagcc	aagactgtgc	cactgcactc	39840
cagcctgggt	gactgagtga	aaccttgtct	caaaaaaaaa	aaaaaaaaaa	aacaaaaaac	39900
acaaaaagcc	aaccaaccaa	ccaaacaaac	aaaacaaccc	caaaaaacaa	ttataatagt	39960
agcctcaaag	gtctctcatc	acagatcatc	atatacataa	tttatgtatg	atthtatgtat	40020
tatataacat	ttgttctgct	aggaataata	gaaaaaaaaa	cctgaaatgg	atthtctact	40080
ttgtttatth	attagttaat	ttcattgcta	cttcaaagct	aatgtagggtg	ttttgtgtgt	40140
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	atgtcatgat	tcaaagcata	40200
gaagaaacat	tttgaaattat	taattgagaa	tttaaaaaat	atacttcatt	agthtagcta	40260
tttgagtttc	tctgtatgaa	ttttgggctg	aggagaaaca	tagaagccac	agcagctttc	40320
ccttttcttg	attcaaagg	gtcataatth	aaaaactttt	tagaagatga	agaggacatt	40380
tgattttttg	ttatcactta	aggggagagg	gaagtaagca	gtgagtcaat	tgcaattcaa	40440
atccggtgcc	atcccaggac	atagacctct	gtagtattgt	cacgtccacc	ttgggctttg	40500
cgcacattgg	ccaccaggga	gggttcgact	ccagagagcc	tcacctgtgt	ctagagcttg	40560
gggaggctgc	gggtcgggcc	tgctctctcc	acaggagtcc	tggtgagccct	cctgatactc	40620
cccatggggg	acaacagggc	ccgttgcttc	tctgtctctc	ttccttctcc	tgaccaagtt	40680
gcctgcccc	gcagtcaccc	tttagctttt	gatgataata	ttatthttta	gaatthtaaa	40740
gggtgtgtca	ttttccacc	aacactccta	cttcataacc	ttatthtgtg	cagtgaacaa	40800

aagaagatgt	gattgtgtcc	ttcacagtgg	ggcaggttct	gctcatcctt	tttgtagagg	40860
ttggaaaagg	tgagtgaag	ggcgcatagg	gagggatggg	gatggtttgg	gcctttctgc	40920
tgttgaagag	tttgaaattc	ttagttcttt	tcaaccagtt	ctatgtggaa	agaaaggtat	40980
tttatttgac	agtatacta	acattgaagg	agtgtttcct	agggcctggc	tcccgccaag	41040
catctatggg	cagcaaatgc	cctgtttgtc	cctcacatca	gccctgggca	gatgtatttt	41100
cccttttcct	gttttactga	tgaggagact	taaaatttag	ggagattaaag	gacctcccca	41160
agatcataga	gtttatcacc	aatattttac	tgactctcca	taatatagag	agctcttata	41220
ttaaataaat	tggttacaga	tgtaaatttg	ccaaaatgga	ggtgatttat	ttaataatac	41280
caagtctcaa	atgttgagg	ttttaacttt	gaattattga	cttaacctct	agtagaatgt	41340
tatgatgcca	gtgtagccaa	aaaagaaaag	agaaaaagtc	ttgcttttgt	tgattttaaa	41400
agtgcctggg	acctaggagg	ggagagggca	atgatgagat	gtggaaagtg	ctggaaggga	41460
agcattctgc	ttaccctctg	ccagccttct	tgagggatca	ttgctccctt	tgaggaaata	41520
gtttttcctt	ccaaggcaat	atactctgct	tattccaagg	gaagccaatg	gacagctcac	41580
cgtgcggggc	ccgtgtcttg	gaagcacctg	tggtgccatt	aacttccttc	agttcctgga	41640
gcattgcagt	caaaagcagt	gtacttaatg	tagttcgtat	tttctgcac	ttgaagtaat	41700
tctttatcat	tttttgcata	agttatacat	aaccttagtg	gagaaacctg	tgaaagcata	41760
gaagtaagac	atttctttgt	aataaaatcc	tagtaacctc	agcactctcc	tcccacattt	41820
gttagtgctt	aagagtcttc	ttttatttaa	tatacatata	aattcagggt	caaataatgt	41880
atcagaaaca	attctaatga	aggtaaaaac	taattttatt	cacaaatggt	tttgtgtacc	41940
ctctctttct	ccctcccca	gcacacaccc	cgtcaagttg	atattcaggt	tcttaatcac	42000
aagcatttac	ttgccacata	ggctgtcttt	ggcaggccta	tcagtttctt	caattcgaag	42060
gaaacctgag	atctgcttgt	gcctggcatt	tttttttttt	ttttttgaga	cggagtctca	42120
cactttcgcc	caggctggag	tgaagtggcg	caatctcggc	tactacaaca	tctgcccccc	42180
aagattcaag	tgattctctt	gcctcagcct	cccagtagc	tgggattata	ggcttgcacc	42240
accatgccct	gctaattttt	gtatttttag	tagagatggg	gtttcaccat	gttgaccggg	42300
ctggtctcgg	actcctgacc	tcaggtgatc	tacctgcctt	ggcctcccaa	agtgtctagga	42360
ttacaggcat	gagccacgc	tcccggctgc	ctgacatctt	tcagtgtaga	gatcttttga	42420
gctagatgca	ccagttactc	ttttggatat	taaattgtag	tgggtgtttt	ttgttgttgg	42480
gaatgagtgt	ttaggaggaa	gggtgttttc	atcacagcat	ttcacacctc	ctttgggtgt	42540
gccattcgag	tttgcttctg	cccatgtgat	tctgtcaggt	actatcaagg	gttggcctgg	42600
cttcttcata	ctctgtctga	ggatatggct	ggcctctctc	cccgtcagc	tctctacctg	42660
tgggtaggaa	aaggatttca	agattcacct	cctgtcctcg	gggtcggggg	ggcatgaaag	42720
gcaggtctga	tcttctccct	ttctcgagct	gttactggct	atttagaaaa	gtctgttctg	42780
gaagggtgct	ctaaagcctg	ggtgttgctt	ttctagcgtt	gcagtattct	atttttgaag	42840
tgatagagag	gtgcagggtg	cttgtttata	ttgaaagctg	cttaccaggga	agtacttagg	42900
tctcttctga	caaaaatcaa	cataagcgca	attaacattg	tcttgctttt	aacttaattt	42960
gcttttcta	tcatttagca	atggatgtat	tactaaatga	ccttgtaata	tatcttacac	43020
ctgtcaaaa	acaaaattac	aacaaattta	gttatagatc	taattggcat	ttattcatta	43080
tttggttaagt	gggcagcctc	cattctataa	aagagactga	gcttccactg	ggcaatgtca	43140
gaacagtgcc	ttttataagg	gaacaaagaa	acagaacaat	agaaaaaaa	agctgattgg	43200
ttaacaacaa	gttacttcag	gttacttctt	ttaaaggtta	aagcagaaga	gactttctta	43260
ttatgctgat	tctggtagtt	tggaatctcc	tgtttccaga	aaaaactgat	cttttttttg	43320
ggatctactg	cttctttaa	gtttcaatat	gattatgtgg	cagtaagcat	gagtgactca	43380
ctttggtgtg	gtctggcttt	tgggtcctag	tgacaggagct	tagtccaaaa	acagtggcct	43440
ccataaattt	ttgtttaata	tactttaaca	atcacctcgg	ctgtttcttc	aagtttttaag	43500
cctattcttt	ttagaggtaa	aatatacttt	tgttatttct	ctttcccat	gtaatagtct	43560
gttctcacat	tgctaataaa	gacatgcctg	agacagggtg	atgtataaag	gcaagagggt	43620
taattgactt	acaacttcac	atggctgggg	aggcctcaca	atcatggcag	aagggtgaatg	43680
aggagctaag	tcatgtctta	catggtgaca	ggcaagagag	agcatatgca	ggagaacttc	43740
cctttataaa	accatcagat	ttcatgaaac	ttattcacca	tcacaagaac	agcacgagaa	43800
agacctgccc	ccgtgattca	gttacctccc	accaggtccc	tcccacgaca	catgggaatt	43860
atgggagcta	caattcaaga	tgagattttg	gtggggacac	agccaaacca	tacctttctt	43920
cccctggcac	ctcccaaatc	tcatgtcctc	acattgcaaa	gccaataatg	gcttcccaac	43980
agtcctccaa	agtccttaact	catttcata	ttaaactcaa	agtcacagg	ctaaagtctc	44040
atctgagaca	aggcaagtcc	tttccaccta	tgagcctgta	aaatcaaaa	caagttagtt	44100
acttcttaga	tacaatgaag	gtacaggcat	tgggtaaata	cagccattcc	aaatgggaga	44160
aattggccaa	tatggagggg	ctacaggctc	catgcaagtc	cgaaatccag	tggggcagtc	44220
agatcttaaa	gtacaaaaat	gatctccatg	tctcacatcc	aggtcacgct	gatgcaagag	44280
gtgggttccc	atggtcttgg	gcagctccac	ccctgtggct	ttgcagggtac	agcttccctc	44340
ccagctgctt	tcacgggctg	gcgttgagtg	tctgtggctt	ttccagggtac	acagtgaag	44400
ctattggtgg	atctgccatt	ttgggatctg	gaggatgatg	gccctcttct	cacagctcca	44460

ctaggcagtg	tcccagtg	gactctggta	ggggctccat	accacacattt	cgctcctgca	44520
ctgccctagc	agaggttctc	catgacagcc	ctgcctctgc	agctaacttc	tgccctggaca	44580
tccaggcggt	tccacacatc	ctctgaaatc	tagggcgagg	ttcccaaatac	acaattcttg	44640
acttctgcat	accacacaggc	tcaacaccag	gtggaagctg	ccaaggcttg	gggcttgac	44700
cctctgaagc	cacagttgga	gctgtacctt	ggccccctttt	agccatgact	ggagaagctg	44760
ggacacagga	caccaagtcc	ctaggctgca	cacagcagga	gggccctgga	cctggcccag	44820
gaaaccattt	ctccctccta	ggcctccagg	cctgtgatgg	gaggggctgc	cttgaaagtc	44880
tcttgacatt	cccaggagac	attttcccca	ttgtctttat	gtttgtctaa	cgtttgtctc	44940
ctcattactt	atacaaat	ctgcagctag	cttgactttt	ttcctagaaa	atgggtttt	45000
cttttctact	gcaaat	caaactttta	tactctgctt	cctcttgagt	gctttgccac	45060
ttagaaat	cttctgccag	ataccctaaa	tcatctctct	caagttcaaa	gttctaccat	45120
tatctctagg	gcaaaaagcc	accagtctgt	ttgctaaagc	acagcaagag	tcacctttgc	45180
tccagttccc	aagttcctca	cctccatctg	aaaccacgtc	agcctggact	ttattgtcca	45240
tatcactatc	agcatttaga	ttaaaggcat	tcaacaaact	ttcccacatt	ttcctgtctt	45300
cttctgagcc	ctccaaactc	ttccaacctc	tgccctgttac	ccaattccaa	agttacttcc	45360
acattcttgg	gtatctttac	aagcagcacc	tactataacc	agtgccaat	tattagtctt	45420
ttctcacact	gctaagtggg	agacatactg	gaaagtgggt	aatttataaa	agaaagaggc	45480
ttaattgact	catagttcca	catggctggg	gaggcctcac	aatcatggtg	gaaggcgaat	45540
gagaagcaaa	gtcatgtctt	acatggcaac	aggcaaggag	agcgtgtgca	ggggaacggg	45600
cctttataaa	acctttataa	aaccatcaga	tctcatgaga	cttactatca	caagaacagc	45660
attggaaaaa	tccgccccca	tgatttaatt	acctccact	gggtccctcc	cacaacacac	45720
gggaattatg	ggagctgcaa	ttcaagatga	aattcgggtg	gggacacagc	caaactatat	45780
cacctatgta	gtggcaaatc	tttttttttg	tttgggtttg	ttttaataat	tggatatttc	45840
ttttatatga	ggctgtaaca	acactttttg	cttcatcttc	tctgtgtaaa	taacttaagc	45900
tttttaatgg	atacagctaa	aaatttggcc	ttgttaaagg	aggaaaaaaa	taggctgaat	45960
agtgggaagt	gagcagaact	gtgtttgctt	ttaggttaaa	aaaagaaatg	atttttctct	46020
gtacaacaga	gaaacatggc	ccagaaagtg	gaatggcata	cagctgtttc	tttgtagttc	46080
ttcagtcctt	aagcatgggc	ttttgcttgt	atcaaaatat	aagtgggtta	tgatgacctc	46140
ctagaatcca	agagaataaa	gcttgaaatt	ggagtaactg	atgttcccca	aaccccagag	46200
tgagaatgtg	cttttattta	gcattttctc	ttcagcaaaa	tctgaagagt	gcttgttaca	46260
gagagcaaaa	cttttacttg	atcttttgtc	agaaagttaa	agaattaaaa	aaaggctgtt	46320
ttagatattg	gctttaaaac	tgttgtttta	tgttgttatg	tcaagggtga	tgccacacac	46380
tgttgacatc	aaatccacca	aaatctcact	taaaaacaat	ttagggccag	gtgtgggtggc	46440
tcttgcggtg	aatcccagca	ttttgggagg	ctgaggcagg	aggattgctt	gatcccagga	46500
gtttaagacc	agcctggggc	acataggaag	attctctctg	tacacacaca	cacacacaca	46560
cacacacact	tagccaggaa	tggtggtgca	cttgtaactc	cagttacttg	ggaggctgag	46620
gcaggaggat	cacttgagcc	cgggaggttg	aagcttcagt	gagctgtgat	tgtgccactg	46680
ttttccagcc	ggggtgacaa	aatgagacct	tgtctcaaaa	aaaaaaaaatt	tagaagtgga	46740
aaatttgtaa	gttttaataa	aataccactt	acttttttagc	tctgggtttgg	aacctgactt	46800
acagcaatag	tagggagatt	aataaggtta	cctcttaagg	cagtctctca	aatgaaaatt	46860
gagtatagtt	atcttatattt	tagatttata	gatgtctcta	aaccttattt	taaagttagt	46920
tcctgactac	tcttgtggcg	tttatattat	ctttacaagc	attggcagta	atggttgatt	46980
tcacttctga	ttatgaagtt	agtaggaaat	aaagtacagg	gggtgtgggg	ggtgtgtgtg	47040
tgtgtgtgcg	tgtgtgtgtg	tatgtatgtg	tgtgtgcaca	ttttccaggc	cccactgtct	47100
tgaagaggct	tgattaggga	ttagaatggt	agtggttaga	gggcctcact	aagggtttgt	47160
ccataggctc	cagagctccc	ttttttgtcg	cccttgccct	gctgccctgc	tcaacaaccc	47220
ctgcaaatgt	aaggatgatg	gtgggggctg	ggagctgggg	tggccgctgc	cacatgtagt	47280
gctaaagaat	caacaaaaca	ggacagcaaa	agactatgca	aatagttag	ctttctcaaa	47340
caaggctctc	attgttcatt	ctttttcatc	ctttggtagc	tagctgtcct	tcctactagt	47400
gttgactgtt	tgtcatgtac	tctctccacc	ggagtcacca	gtaagaccag	ctgaactctg	47460
ttgagagttt	tggagtaaaa	ttctgattgg	acgtggtttt	ttgtgctttt	tgtgatcggc	47520
agtgtttcag	tagctcttag	ttcccggaac	ctcattctcc	tatcccgtca	gcgaggtctc	47580
ccttatattt	gctgagatgc	atggttaacc	atttccccag	gctcctccct	agcacctgca	47640
gtatcttaaa	aaggttactt	ttacttcca	ggagcaatac	atgaacacaa	gagtatagat	47700
aaagataggc	aagagtgtag	ataaagagag	ttgtgcagag	acttcatctg	gtgcaagtct	47760
ggccaacctt	ttcttagtga	tttttatgcc	tgcccatgta	ggccagtggg	tctcaagctt	47820
gttaaaacaa	gacctcacac	cctcagaggg	cttggttaaaa	cagactgctg	acccacacca	47880
cagagttctg	gttcagtagg	tctgcggtga	ggcctgagaa	tttgcatttt	tagcaagttc	47940
acaggtgatg	ctgatactgc	tggttcaggg	accacatttg	ggaatgctat	atagcatggg	48000
atttttttgt	gtgtgccttt	tagaaaatca	aatgctgtca	tgcttgtgtt	tctgtatttt	48060
tcacagctc	catgtcatgg	agcactttct	gtgctagtac	atattgatca	cttcattatt	48120

tttaactgct	acatagtgtg	cccacatata	aatgtgcctt	aattctatta	atggatactt	48180
gattctttcc	agtatttttt	gttaactatt	ataaataaat	cctgcattga	acatctttgt	48240
ttattcctcc	tttatgcagc	tatgtttgtc	tagggtaata	tggagaagtg	aaattgatga	48300
acatgtgcac	tttttgttct	atttttgttt	taatagataa	tgggaccatc	actctatgat	48360
gctcaccaca	ttaatgcccg	gccttaggta	gtttgtttta	ttctctgcct	aagctgaggc	48420
taacctggag	ttgctaggaa	aatcataaat	gtgcttacta	gaccctttat	aaactgaacc	48480
tgaatgggc	tttgggctgc	tagccagttt	ttctaagtct	ttttgtagac	taactaaaag	48540
cagtgatagt	caactgtttt	tttcccctac	cagcacacct	ggtaaataag	aattgcccct	48600
agcaacaatg	gctcacttag	gtgaacttcc	aggggctata	catccaagta	tatttttttg	48660
cacgacttca	gtgctagact	tttccaatct	ggatgttctt	acctcatgtt	agattccgtg	48720
tatgtatagc	caaatcacagc	attctttgtc	ccctctgcct	tctaaaccag	tttgtcctgt	48780
ttctgttctg	cacagtgatg	tgtgttaggt	gagttgggct	gtaggcaggg	caagtgggtg	48840
ttacgtccta	gcattaccct	ttttaatttt	ttggaattca	taaattaaaa	ttgggtgggg	48900
gagagctcac	actgagttgt	ctactccttg	ttttgccaa	ttattaaaat	caactaacia	48960
aaagccacca	tgtttttata	gatatgagat	ttttaacact	cctcctcccc	ttccaaaaaa	49020
tcaggaaaaa	cattatctca	gaataaagg	cattactttt	aaatttagtt	tcaggaaacac	49080
tgtgggtttt	ttccctcctc	ctttcatctc	ggacaagtga	aaatgctgct	attgtctaga	49140
gttgccctag	gtttagaga	aactgagtca	tttcttgaag	aaaagatttg	atgtctatat	49200
tacatatctc	taattagttc	cctattagtt	tgtcatactg	ctgatgatgt	tcctgtctaa	49260
tagtaacttc	tggggcatga	agtgggccc	gaatgtgcag	tactcctgaa	agaagaaaaa	49320
ttcttatgat	tcctacagtc	acccattccc	attcccggag	cacctgctat	gtgccagca	49380
ctgagctgag	tcctggatac	agagaagtag	gggaagggtg	tcttgcatct	cggctgctcc	49440
ttcatagtct	agcttcttca	gtagcacata	ggcaactttc	ccgtgaaaat	gtgttcgacc	49500
ttttgtggtg	caactgccat	gcccgtcaa	agatcacctg	ccatcaaaat	cttcacatag	49560
attcatcact	tctggccaca	tgctaggatt	aaacaagatt	actgttatat	ctttgagcct	49620
tgtgggagaa	tctgcttttc	acttagctgt	tcatgcagg	cagggtgaag	caaagaaatc	49680
ctttctcttg	taaggaaact	ttgatatctc	ttacctactt	ctgtgcttct	gctttgggat	49740
gtgaaaatac	ttctactaagt	ggcaacaaaa	tttgcaccag	tttttaaacac	cagtgccttc	49800
cagataaaga	gtgaccctcc	aggagtctct	cagctgagcc	tgagttagtt	gctcattttg	49860
aacctcatgt	ggtgtgtaga	aatgaattaa	aaaataaccc	acagagtaac	tcattataat	49920
cttaatcctt	tcacacacac	caggatataa	gggcttatta	ggctttgaat	agatactatg	49980
cttattaggt	tttttttttt	ggttgttata	acttactgga	caaggtgcta	cagggaaatga	50040
gatgacctac	aaatttagac	aatccttgag	tttggttaga	atgcacaccg	aataccatgt	50100
aaaaaatgca	cacaaaaagc	catgtcaagg	agacagtcca	acacctgtct	gccccaaaga	50160
actggttgtg	gtctcccttt	ctgggtgtat	ttcagtgact	ctgatagaaa	agggtgtttt	50220
gaaggaggga	tgggtggctg	tgagtttgtg	gtgcctccca	tgaacttccc	tgggaagacc	50280
actattcaga	aacctaaata	atatttaagt	taagaggagg	cacctatctg	ttatctttca	50340
tagcgctgaa	gggcatgctg	cagttgctat	ggagaggcag	gtgctggctc	agctgtgtga	50400
caaagacagg	ccctcaggaa	caggagcagg	agcaaaagg	catttaacct	cagctggaag	50460
tgcttagttg	gttctgatga	gtattgatta	gtttttttat	gggctgtccc	atattctaata	50520
atatgtaaca	tttttaattg	ttcagtgttt	tttaaggcac	tgttttattt	tgtcagaatt	50580
tggtctctaa	ttgcaaaatc	ctagccttgt	atgttggtaa	tattaagatg	taatttatgt	50640
actaattgga	atatttgtat	attcttcata	gtaggaaaaa	gaacaaaata	ttatgatata	50700
tgtaaatatta	caaaatatta	cacaaatttt	tcctgacaga	gattactttc	atttgaagaa	50760
ggtgaaagtt	ctggttgatt	ctgattatac	cttcaacatt	tttagaagct	gattacagaa	50820
tttgtcatat	aaaattaaaa	ttttgttgtt	ataagaggta	tcctttgggg	aaaaaattta	50880
aatttttagag	tattttacat	ggatttcacc	ttacagattc	atcaacaaac	aaactaatgt	50940
gacttttatg	attgtttaaa	atgttaattt	ttatgtttca	tgaacattac	aagaacataa	51000
atggcatttt	tctgtaaagt	gttttgcata	tttgtctgct	ttgatgttta	atatgggtgga	51060
atgtactaaa	atcttaataa	atgttttagct	tcctgttgca	atgggaactat	caaatacatta	51120
gtaagttttt	cattgtttct	actttcttag	ttccctaagt	tagggttatg	tgataactaag	51180
ttctagaaat	gataattttt	gattgatcag	ttggctcgct	ttaaaatgat	ggacattttg	51240
ttaaactatg	aagcttaaaa	aaagagagaa	atgaatccat	ggctcctgca	cgtaaaggag	51300
gtgtagacag	tgggtggatg	ctagcatatg	agttagctac	agtaagctat	taatatatag	51360
ggtggtgctg	tgtataatta	gctcactgtg	ggtggcttcc	tgccaagttt	taatgagttt	51420
tgggtcaaaga	gaaatgtatg	tcccaaagga	gccaaacttt	taattggggg	tatacgtaag	51480
tctatcagtg	aagttgaggg	ttatgttttc	aacctgggac	cctcattcgg	gattttagag	51540
agtaaaggca	aataaagatg	acttgacttt	gggtccttat	gttaggggtt	agaccttctc	51600
attctggata	caacttctcg	aagcctggct	ccagagaggg	gaaaagaagt	gagtgatttt	51660
acaagcattg	ttcttgggtg	tatatacaaa	ctcctagatt	gatcatattt	catcttttca	51720
gcagttgcct	taataatttg	tagtaatttt	cagatgggag	atgtgagagt	ccatgaagta	51780

ggtaactttcc	tcctagttca	tatgggttcat	agtggagtgca	agatccagac	cccatctatt	51840
taattcccaa	gttcatgctt	tgtgaccatg	gtcaccagat	acttaagaca	tggcagctga	51900
tttggagggt	gttgcctctg	tgattgggtga	actacctact	tttacctcac	ttcccctgag	51960
tgtgtgcatc	cttacatgca	catgaggaaa	tacatgaatg	tgtgtgagag	gtccttagctc	52020
ttgctggatt	ctgggcacaa	cagtcagcag	tgtcgtcaag	tcagagtttc	tatagattat	52080
tcctccttcc	ctattctctt	ttaatgggac	tgtgaaggag	agtgtagggg	taaggaaggg	52140
aaggttgagt	tctgcccagg	accagtctga	ttgtgctttc	tttttgtgac	agagcctcac	52200
tccgttgccc	aggggtggag	acagtgcacat	gatctccact	cacttcaacc	tccacctcct	52260
gggttcaagc	aattcttgtg	cctcagcctc	ctgagtagct	gggactacag	ttgtgcgga	52320
caacacctgg	ctcatttttg	tacttcaggc	tgtctcga	ctcttggcct	cccaaagtaa	52380
tccaaaggga	ttataggcat	gagccactgt	accagcctg	attgtaat	ttgtcttccc	52440
ctttttgctg	acctgcttta	ttttccagtt	gtggctcctg	actagagaca	gcgtcttcac	52500
agttaagcct	ttattactgt	ggaccagccc	aaccttaatt	taatgtccaa	caggatcact	52560
tcccagtttt	tcctgtacac	aggtacgggg	tagatgagaa	tctctgatat	gactaggcta	52620
actgctctcc	atgagaagat	acagaccgga	tttgtgcctt	tgggagctca	tgggttagtat	52680
ggaatgcagg	catatgagcc	ttaattgcaa	cacatgacag	aataacgtca	ctgttagaga	52740
ctgacccatg	ccatttaaga	gaaagaagtg	atgctgggtga	gtgagattcc	aaagcatttt	52800
cataaaagac	aagccacttt	ccttggatct	caacttttca	gaattttgat	agacctaggg	52860
aagaacattc	cagatgaaga	tgggtgtggct	attatcttag	tatctattgc	tacatattat	52920
cccaaaactt	agcagcttaa	taaaatattt	ttttattttt	atttttattg	tttttttgag	52980
ccagagtctg	gctctgtcgc	ccaggctgga	gtgcagtggt	gcgatctcag	ctcactgcaa	53040
cctctgcctc	ctgggttcaa	gtgattctcc	tgcctcagct	tcccaagtag	ctgggacaac	53100
aggcccgcac	caccatgccc	agctaatttt	tgtattttta	gtagagacgg	gatttcacca	53160
tgttggccag	gatggctctg	atctcctgac	cttgtgttct	gcccacctca	gcctcccaa	53220
gtgctggcat	tacaggcgtg	agccccgcg	cccagccaca	tttatatctc	acagtttctg	53280
caggtcagaa	atctggggct	ggccaagaaa	gtgggttctg	ctctgggtct	tccatgaggt	53340
cgcagttaga	ttgttggctg	gggcacagg	catctcagg	ctggaggatc	tgcttccaa	53400
cttacttggg	tgtcattga	cagcaggtgc	cagttcctca	cccaggggac	ctctccataa	53460
ggctgttcac	aacgtggctt	ccctcagagc	aaatgatgca	agagaaagag	aaccaagag	53520
ctgtattatt	ctgttggtea	cacagaccaa	ccctgggtgcc	acgtggaagg	ggcctacca	53580
gagggtgtgaa	tgccagtgat	attgggggtc	atagagatga	cccactgggt	aatgagtaag	53640
gaaaggtaca	gggcgtctgt	agctggaatt	taggggatta	ggagtgatgt	ctgggaggtg	53700
aggctgatgt	gtcgtgagtt	gcatggagta	tgaatgtgat	gtggaattaa	ccttcaaaca	53760
gcttagtcta	gtagtggagt	tacattttgt	atgtaactgt	ggaaaagtga	acatgcacag	53820
agccacagat	gatccacgtg	ttgctaacac	tgggtgggtg	ggttcacca	tgcctcataa	53880
tgtcatgatt	gatactctt	ctacacacac	acacacacac	acacacagct	acacacagct	53940
tgtattgccc	ctgaaaatgc	tcctcttgg	ctgttcttcc	tgccggtatg	acagaacttc	54000
ctgagattgt	tgagtttagg	gttaaatcaa	atctgaggtg	accactcgt	tagtttggtg	54060
gtgtttcccc	atcgttttcc	tgttgctaag	tgggtgcagga	gtagaagctg	gtgcaatagt	54120
ttcctagagt	gcggtgcagc	taaccctttt	acgtacatca	tattgttttag	aatttggtac	54180
caccttcaac	caattcatat	aaaaatagat	tacatgtggg	agttgtattt	gtttgtgtgt	54240
ggtgtgcatc	caagtcagtg	ttaattttaa	gtgagtgctc	tgcactctgg	gtgtttttcg	54300
tagctacaag	gaagccttaa	ccgttgttac	ttacaatgga	ttacttttca	aaagttgttt	54360
aatctctttc	aggtcattaa	tggcttggag	actaataagc	aaaaccatta	aatactactt	54420
tatgtctgaa	aaaagagtta	atgttcctgg	aaaaagcgag	ctgttttctt	tagttaacaa	54480
gggtggagctg	gtgttcccag	tggttccggt	tctaataaga	cttgatgagt	tggaaatgat	54540
gttattctg	agacaactgt	ggagtaatta	gaattttacc	tcattttaat	taaaagattc	54600
taactctaac	ctaccttccc	aggcatttgg	gaaaggcaca	ggtaggctctc	cttgccagtg	54660
aggctccact	actcacttgt	gggggttgaca	tcaggagaac	ccaggacttg	ggccttagtg	54720
aggctctcacg	ttctcaccac	taaacaaaga	gaaagcattt	atgcaggcat	cgaaccagcg	54780
tctgtgtgtc	acagctggac	tgggtgctgaa	aaaatcacca	gggccttagc	ataaaacaaa	54840
ggctgcttta	ttatgttgag	agcataaata	ggcttctttt	cttttttcag	tcagatatga	54900
aattagagtt	gcttaactgt	aacatggagc	ctgctggatt	gagctgtttt	gctcacttct	54960
gccagataat	cagaagagcc	gggtggggtc	ccctagctgg	gtgactggga	gtcaggctac	55020
catccccga	acatcaggct	ccccatttgt	aaatgtcttg	tattcctgtc	aagatggtta	55080
ggaggattga	aaaacgccgt	tgtattttat	ttgattttga	taatacactt	aacatgagat	55140
ctaacctctt	aacaaatttt	taagtgtata	atgcagtatt	gttagctata	gtgttcaagt	55200
gcattgggag	gcgctatcca	aatgcaaccc	ctccccgcc	ctacccccca	ccccccgttt	55260
attgtacttt	gttattttca	tgggtgtgct	gaatttttcc	ccaaggcaaa	tctttacctc	55320
tgcccttgaa	gttgcataatg	ccccagagtg	ggtaattatt	aactgtatta	atctggacca	55380
tatactgtac	agtctttgga	taacctggac	agttttataat	tttaaagtgt	ttaaaagtgt	55440

gcaagtctga	aactctgaaa	aaatTTTTTT	tttcataaaa	atactagcct	aggctgctga	55500
tggatgtggg	tttctTTTTg	gggtatgaaa	attagattgc	ggtgatgttt	gcataactct	55560
gtgaatatac	taaaaaaccag	tgaaccatac	tctttataaa	aaaatagtgg	atTTTtatagt	55620
atgcgaatta	tttctcaagc	tgctattaga	aacaaaacac	tgctctaatt	gttactgtaa	55680
aaataccctt	atTTTctccc	ctccctgcc	gtgtcttagg	cagagcagcc	attcagtaaa	55740
tacaggtggc	tgagtgttga	ataatatagt	tgaaataatc	caagtggcac	aaatagatga	55800
gagtggaaagt	gggggctgca	gtgtcagttg	tagaaatctc	acgggaggca	gactcatggg	55860
gtggctgaga	cgggtggctcc	tttgtcagtg	gaggcactgg	aggaagaaga	ccccactagc	55920
aggagaggct	ctgggtcgga	ggggctgcc	tgatcctgga	aacaggctcat	ctgggtggct	55980
cgtgtttgaa	agttgagaat	actaatattt	tatggtccaa	atTTTggtta	ccttggcctt	56040
gtaaatcagg	aagccgtctg	atgacaggat	gagcctaagg	tggggaggggg	aggatgcggg	56100
gagccacagg	ttctcaatgt	tcaagagacc	agtgtcctta	aatagcgagg	tgaagagctc	56160
aattaggaac	caaaagccaaa	aatgagctga	ggcaagatgg	tagaaccag	gcctggatct	56220
gagcagttgt	caaaagtctg	gttacaacat	ttgagagtgt	ggtgttcagc	tacctTTTTg	56280
gattcagttt	tagtTTTTta	tttgcatatt	ctTTTTcttt	ttgataaagc	tctatgagga	56340
ctatgttttc	aactccctag	atgcatatag	tcttgtactc	agatataatg	tatctaattct	56400
cttcccagat	ttataattgc	aaaccataag	ccacttttag	ttgtgttcca	gcacctgccg	56460
aaggagacga	ctaaatgata	tgaaccccat	tttctccta	agagggcatt	caaattctct	56520
tctccttgga	ttttatgaaa	tcagatttca	gttgggaagat	tctgtcactt	ggcctcttat	56580
tgtcaaacac	aggtaccttt	taacgcagac	ttctactgag	aaataattag	agacaggggtc	56640
tcatggtcag	gcgcggtggc	tcatgcctgt	tatctcagca	ctttgggagg	ctgaggcgag	56700
cggatcacct	gaggtcgga	gttcaccacc	agcctgacca	acatggagaa	accccatctc	56760
tacaaaaaat	acaaaattag	ccgggcgtgg	tggcgcagat	ctgtaatccc	agcaacttgg	56820
gaggctgagg	caggagaatt	gcttgaacct	gggaggcgag	gttgcaagtga	gccaagatcg	56880
tgccattgca	ctccagcctg	ggcaacaaga	gtgaaactct	gtctcaaaaa	aaagaaaaaa	56940
aaaagaaaag	agacgggggtc	tcattctgtc	gtcagggtg	gagtgcagta	gcacaatcat	57000
gactcactgc	agcattgaac	tcgtgggctc	aagtgatcct	cccgccttgg	cctcccaaa	57060
tgctggaatt	acaggccacc	ctaccttgct	gaaatattta	aattctgaag	gaccaaacta	57120
tccccctctc	aaagaacaat	atgaactagc	accgttataa	acttgggtact	gctgtaagag	57180
tctactcct	gagggtcttc	acccatctta	ttttcatact	tatgaaaaat	aatacatgtt	57240
caaagcaa	gaatccaaac	agtatgcaat	taaaactcaa	actctcttag	cctagacca	57300
tttctcccag	agcggctgtt	atgatcagcc	tctgggtgtc	cttcagaaa	tgtctaggca	57360
ggtaatgtat	acaatcactt	taaaagttca	aatgggaaca	tgtcatacac	attattctgt	57420
actttgcttg	ttttaactga	cacgtatctt	ggatattaaa	aaaaaaatct	aacatatagt	57480
ttccattttt	taagaaaaaa	gctttattga	tataataatt	gccataaata	atcaccatat	57540
agtttacctt	aaaattcact	tgttttaaat	gtacaattca	gtgatttcta	gtaaacttac	57600
agagttgtgc	agtgatcacc	acaatcta	tttagaatat	tttcatcacc	ctgtgtctat	57660
ttacagccac	tccacatccc	gtgcccgcag	gcaaacactt	atctatttag	tttctataga	57720
ttgattttat	tactcttttt	aatagcaacc	tgtgggtccat	tttggaaaaa	tacaaacatg	57780
tatttaattg	tgctttatcc	aagcacattt	agcttttgc	gatgttttat	tttgctgcct	57840
gcctacttta	aaaaaaattg	gaaaagattg	aaatTTTgtc	tttgagccat	acttgTTaag	57900
agtataagg	gagtttttagc	tgaagttgtt	tgtagatttt	ccagtcatta	cctgtggaac	57960
taggagaaga	atTTTggggc	ctggataatt	atTTtatatt	gaatagaaac	tgctgagggt	58020
tgttcttgat	tagatgaaag	ccccagcatt	tattgtgtat	tttatggatg	tgggtgaagt	58080
ggaactaagt	atTTtacacat	gattgggggtg	aagggggatt	tattatttca	gttttttgcc	58140
tttgtctcta	cctaggagga	ttttaggagc	tgttgagtgt	tcagaagtat	gtcttcggat	58200
atattctcca	tactgtttct	tgggaccttt	tactgggttg	tggattttga	ccaagtgttt	58260
ttttaagaag	aacaaagtag	tagaacagta	tgagaccaa	atgtccttca	tgttctaattg	58320
gtgagcactg	ttttcttttt	tttttttttt	tttttttttt	tttgagacag	agtctcgctc	58380
tgtcgcccag	gctggagtg	agtggcgtga	tctcagctca	ctgcaagctc	tgcttcccgg	58440
gttctctgcca	ttctctctg	tcagcctcct	gagtagctgg	gactacagggt	gcccaccacc	58500
acgcccggct	aatTTTttgt	atTTTtagta	gagatgggggt	ttcaccgtgt	tagccaggat	58560
ggctctcgatt	tcttgacctt	atgatccacc	cgtctcggct	tcccaaagtg	ctgggattac	58620
aggcgtgagc	caccgcgccc	ggccattgtt	ttcttaaatg	tcaactTTTg	tttaaatTg	58680
tgtgtgagtg	tgcttgTTTT	ttttttaacc	tcaaagactg	aaatTTTttt	ttttaattaa	58740
ttaatTTtatt	ttttattata	ctttaagttt	tagggtagat	gtgcacattg	tgaggttag	58800
ttacatatgt	atacatgtgc	catgctgggtg	cgtgcaccc	actaactcgt	catctagcat	58860
taggtatatc	tcccaatgct	atccctcccc	cctcccccca	cccacaaca	gtccccagag	58920
tgtgatattc	cccttccctgt	gtccatgtga	tctcattgtt	cacttcccac	ctatgagtga	58980
gaatatgcgg	tgTTTTgggtt	tttgttcttg	tgatagttta	ctgagaatga	tgatttccaa	59040
tttcatccat	gtccctacaa	aggacatgaa	ctcatcattt	tttatggctg	catagatttc	59100

catggtgtat	atgtgccaca	ttttcttaat	ccagtctatc	attgttggac	atttgggttg	59160
gttccaagtc	tttactattg	tgaataatgc	cgcaataaac	atacgtgtgc	atgtgtcttt	59220
atagcagcat	gatttatagt	cctttgggta	tatacccagt	aatgggatgg	ctgggtcaaa	59280
tggatattcc	agttctagat	ccctgaggaa	tcgccacact	gatttccaca	atgggtgaac	59340
tagtttacag	tgtgcttggt	aagtagtaat	tatcagaaat	gttggaaaac	cagtgcctta	59400
agagtaaggg	tatattcagg	cttcctcttt	gtcagagctc	taactctcct	ggggggcagg	59460
taggctgggg	caggtagggt	gagaagactc	aggtagtcca	ccgagataaa	actttgttga	59520
ggttggctgg	ggaagtgagc	cagttgtctt	gggaagtggg	aggtgaaaat	gaaactccct	59580
gtgtgaccac	ttttctctat	caaaaataat	aaattatttc	aaatgttcta	aataaggagg	59640
ctttggatag	attttagtca	gcttgttagc	tattcaattc	tggcaacaac	cgtgtgtaca	59700
tctagactag	ggagacgttt	acaattaaat	tcaactgggtc	ttgtggttgg	aagtaacctg	59760
aagggatatc	tatgcaagtt	tccatcctgt	gtgtgcatcc	cttctgtaat	acctctgcct	59820
ggcagttcag	catctgcact	tgcgtacgtc	tccctggaagg	gaattcatga	actctcttgg	59880
gatcccagtt	cttgtcagct	tcttcatggt	gaaacctca	ggcttcatat	atctcagggt	59940
ttggattggc	attagttatc	tatcgctgtg	taacaaatta	cctcatcatt	aaggggctta	60000
aggcaacaaa	tatttattat	gtcaggaaca	agtcaggagt	cttggagcag	ctcatctgga	60060
tgggtgtggc	cagggcctct	cgtgagactg	tgggtcaagtt	gacagttggg	gctgtcgtca	60120
tttggaggct	gaatggacta	acggatccac	tttcaacacg	gctcctgcac	ctagttgtcg	60180
gcaggaggcc	tcagttccta	ctgtgtggac	ctccacttgg	agctgcctga	gtgtcttcat	60240
gacacactct	ctctcggatc	agaaaggaga	cattagtaat	gccaaaggata	ctcctttact	60300
cccttcacaa	gtgggcacag	atatggtcct	ttttccacca	gctctagaaa	gaaacatgca	60360
gagatgtttg	aaggcaagaa	gacagtggcc	tgcattgactt	ggagcttttc	ttaattgtaa	60420
gtcagagata	ataattaatg	tcatgcctag	ttcagagaat	tattgtgtga	ctcaaattgag	60480
atgatgagca	ttaagacatt	ggaaacttta	ggtactatat	gaatgttttc	ttattggggc	60540
aaaccatttt	cctcttgtaa	aggtgagccc	agggacatgt	ctctccccc	tctctatact	60600
atcagttctg	atctttgaat	gattgcagtg	cccccatag	ggttgggtaa	ggaccaaggc	60660
agagaatatg	tagataatgc	agcacagtac	ccggcacata	gtaagcattc	agttaacagc	60720
tacaattact	taattggtttt	gaaatagata	tggcaggcac	taaagaaaat	taattgataa	60780
atgaaataac	tactgtcctt	aagctgtggc	cgtggattag	aatcacctgt	tctgccatgt	60840
cactgactct	acagaatact	gtatatggaa	aaatggtttt	tattatttgt	tattttctat	60900
atttggatga	catttctgat	ctgaatttca	accgtgactt	ctagtccctt	gtatcttctt	60960
cttattctga	cttgctacaa	tataaacttc	atcctttaaa	gaaaaagtga	ccctgttatt	61020
cttccttggg	gtgttttgaa	tatcctcccc	ctccttgccc	agcttccctc	aaatgtgcca	61080
acaatttttt	tcttttcttt	tctgtttttt	ttttttttta	gcatcagcgg	taccatcaag	61140
ttcctggact	cttgaacttg	atgaaatcga	gatagtttct	gtagggctcc	atttgggaat	61200
gaggagcagg	tgtggtctag	acctaaggct	cagtggtggg	aggaatggaa	agaagaaatg	61260
gagccaaagg	aaactgaggg	aaggattcat	gtttctctgg	ctcagtgagt	gggtgggtca	61320
aagaaataaa	atgtttgtaa	ttggttttta	gcctgggcaa	ctggagaaag	tgggtgtagt	61380
gttaataaga	gaccaggagg	aacacaaaga	ggaaagaata	tctggttttg	gaggggaagaa	61440
ggaaaattca	gttttgattc	tgaatttgag	gggggttggc	atccaccaga	cagctaaaca	61500
tggaaatatg	cccatgggtg	gtggtagcag	tccctgtctg	tattcctgga	acctctcaga	61560
gggtcaatca	caggtgtgca	ccgtttgcct	aagtggatc	ctaagaaaat	gtctgaagtg	61620
gtccaggaag	aggggccgat	aattattgag	taaaggtaaa	gggaacacac	attattagac	61680
tgggtgcttt	gaatgtcata	tttattctta	atagcaacta	tatgagttat	atgtgcatac	61740
ctggttttac	aaatgcagga	aaaaaggacc	ggagtgacca	ggtaaagctat	ccaaggttat	61800
gcagctaaga	ggtgttggag	ccaggatttg	aactctacac	tcagttttca	tcagtgaaca	61860
gattttcctt	ttacatcagc	atcagaagca	ttatggctgg	ctgaactgat	agagaactag	61920
caagtatgga	ctcaaaagtg	gcatggggac	cccttagtaa	ttaattactg	agggttaacta	61980
aactccaggt	aaccttttgc	cccttccttt	cttcagcca	ttggaagaac	gtcctcatgt	62040
ggtacagtgt	caggcaggag	acccatgttt	ctttctctga	atcaatagtg	ggtggcacag	62100
aacaacaaaa	ggacgtctgc	ttttagatcc	tgggcttcca	aatcttctgg	cgccatcagc	62160
tccccctccc	tcttggcacc	tctcctgtcc	tcacctgtgt	atgttgtaaa	cccaagaagt	62220
actattctct	gggtccacct	gcccatagga	tctgtaatct	tcacacaaac	aatagtagtc	62280
acaattctaa	caaccagttc	tgaaacattt	actatatact	gaatgatttg	caaacataga	62340
aaagttaatt	ttcacggcaa	ccgaatgaaa	tagattttcg	gcctggcatg	gtggctcaca	62400
cctgtaatcc	tagccctttg	gaagcctgag	gtggatggat	cacttgagtg	caagagtttg	62460
agaccagcct	ggacaacatg	gaaaaaccac	gtctctacca	aaaaattaaa	aaaattagct	62520
gggactacag	gtcctgggtat	attgtaaaacc	caagaagtgc	tgttctctgg	ggccaccagc	62580
ctttgtatta	tgttgggtgtg	gaggagggag	gatttggtata	cagataaatt	tgcccatagg	62640
ctcctaaatc	ctcacacaaa	cagtagcaat	cacaatttta	acaacacaa	tttaacaggt	62700
gctacaggtg	ctacctgtag	tcccagctat	ttgagaagct	gaggtgggag	gattgcatga	62760

gcccaggaga	ttgagactgc	agtgaagccaa	gatcacacca	cagcactcta	tccataggcga	62820
taagagttag	accctgtctc	caaaaaaaaaa	aaaagaaaga	aagaaaaata	gattttttatt	62880
atcctattct	cattgatgag	gaacttcagg	ttcagtgagt	tgagatttca	ccatttcata	62940
catctaata	gtaggagagt	tgggtttgca	tccctagttc	ttctgacttg	acagctgcgt	63000
tcttaactag	gatgctgaat	tgcgtcttca	tagaaaatct	gtctccaaac	caaaaccttt	63060
tccacccaca	tctattaata	gttttacgct	attcagtata	gatggctgcc	acgtggagca	63120
cctgtaaagg	ggtgtgtggc	tgtgagcggc	cactgagtat	cttaaagtgt	gtgagctcat	63180
aggtattatt	gtagggtatc	tggctctaag	gtatcttgga	agactaaatg	tggccaaatt	63240
tcaacaatgt	tggaatggaa	tgaagggtag	aggaagtga	ctgttagtag	tggcccagga	63300
ctcttgctac	aaaagccacc	aggcataact	ggttccacct	ataactggga	aattcagctg	63360
gagtccttgc	aaggagtagc	tagagtggag	ggattggaag	acatactgat	cttttgaaga	63420
tacctggata	cagttgatac	cagattagca	cttaaaaggg	agtcaatatt	cctctgagta	63480
ccaattaata	tttgagggtta	tataatatgc	taggtgtttt	cctttgaaat	atgtatacag	63540
tgattaataa	agcagattta	ttagaataat	agtttattaa	ttcctagtag	aagtataaca	63600
ggcagatgga	atcgttggac	tgactggtca	gtttgtttcc	tttcaagtag	cttagccatt	63660
ctggatattt	caaagagttg	tctttgctga	tttttttctc	ctgatctcaa	caccagcctt	63720
tcttcttggc	tctcctctct	attctgacca	cactggctct	ttaggtcacc	ttcctcagga	63780
ccaaagcttt	aaataccatt	cagtcactga	ctcctgaagc	taaacctcta	cccctcacc	63840
caccacattt	ttaacaattt	acggaagaca	ctgtgtgaaa	aattacccta	tgcacttgag	63900
aaaggctctg	gtaaattact	ttcttcctag	attgttctct	ttaaaaattt	gttttaagca	63960
tttggtttaa	acagtaattt	tgtttgaatg	gtgaaaatag	tttaaatacg	ttaaatgatt	64020
cccccttttg	ttaacggagc	cctgaaatca	ggatatttat	ttcccagcct	ttagttgata	64080
ttgtagtgca	ttgaagactc	ttactgaaca	gaaaatgcc	ggatttatat	tcctgggtgag	64140
ttggattgag	ggaagggttg	tcaccaaaaca	gtccagctgg	tagctctgca	tcttaatttc	64200
taagtcatgc	cgcagaatgt	tattttaagc	tatacactta	tgaatatata	tttctagtat	64260
cttgttgtga	tttcttgact	ctgtcttgct	catctcaatt	taagatccaa	tttaactaaa	64320
aattcctgct	gtgggcaaga	agagtgtctt	gggtggaggg	cacagcatat	gaaatgtcct	64380
gaaggtttaag	tagctctttg	gaaaactgct	catcaaccag	atggttacca	tgtagaatat	64440
gatgggactg	gtaggaagaa	atcagagggc	taaaaaatct	gctacattta	ggagtaaacg	64500
tggctctaag	agcaatcggt	ccttaaaacc	actgaaggat	tttaagccgt	gtaatgacat	64560
aatttggttt	ttgtctgcaa	ccagacattg	caaagtaagt	tagaagtttt	taatgggtgg	64620
ttcatcaagc	ctgaaatact	gacttctgtg	attttgtctg	tgtctgttcc	ctttttcatc	64680
ctttccaccc	catgtctatt	ccaaacttgc	aaaactttcc	ctccacctcc	tcttcatctc	64740
agcagatgct	cttgtcttct	ctctctgagc	aatctgagcc	aattcggtgt	gacctcttgg	64800
gcttcttgtc	actttccttc	ttcagaatat	aaaactcgtg	acctggctga	cctcttatcc	64860
aggatgatca	tttagaaaca	aaggagagtg	gccgggagca	acggcttacg	cctgtaattc	64920
cagcactttg	ggaggccaag	gccagtggat	catgaggtca	agagatagag	accatcctgg	64980
ccaacatggt	gaaaccccg	ctctactaaa	aatacaaaaa	ttagctgggt	gtgggtggcgt	65040
gcgcctgtag	tcccagctac	tcaggaggct	gaggcaggag	aatcgcttga	acctgggagg	65100
tggagggttt	agttagctga	gatcgcgcca	ctgcactcca	gcctgggtga	tggagactcc	65160
gtctcaaaaa	aaaaaaaaaa	aaagaaatga	gagttaggat	ttgagagaag	tcggggggagg	65220
atgccacggt	tctcctttct	aatttgctaaa	gtcagtga	tcagctaaac	aaactatgga	65280
acatacattg	tggttctcag	ggaaatataa	aacaacaaca	tgcaggtaga	atacaagagc	65340
aaagaagagt	gatgagcact	tagctatggc	tcagctgaca	aattccagtg	ctgacgttgc	65400
tatccggcca	gcattctacg	tcccgtgtag	aaggatttgt	tgttcgtgtc	aatgtccttag	65460
cagatttgta	atgcttgtat	gggaatttta	aatgtaaatt	tcattgagcat	acaactttta	65520
atataatcat	gctgttaact	taatataaat	tttaatacaa	attgtatgcc	tgtgtaaata	65580
tactatttta	taattaaaca	tttgttcaat	actttgtgac	tggttgtgat	ttttaaaata	65640
atagcaatta	ttttttaaaa	attttaaaaa	gagtttatgt	tctgaggcaa	gcagatatga	65700
atagtgggga	acaaccaata	attttttcac	tattaataaa	ttcatgtata	tctaataat	65760
aggagatgag	aactaggaag	tatcaagctt	gaatcttgct	tatccaccaa	attcttgaaa	65820
ataagtgaat	gactatgtca	atcaaaattt	atcttcaagt	tagaagacat	tcaagcaaac	65880
ttcaagggtc	taagtgtttt	taaaaatcct	gtaatttata	tttttgtaaa	tagttgaaat	65940
gtaacattac	gaagaatgaa	atcattctgg	tactaatcta	gcatttcttc	ctgaaaaaaa	66000
aaaccagat	gtaaaaatga	tcaagagaaa	tttagaaaac	atgaaaacaaa	tgaagaagtg	66060
aattctttta	aatttactgc	aaattttgat	ggaaatggta	atactgtctg	atacagtatt	66120
acatcttaat	atctaataat	accagtatta	gtatctgtct	gatactgttt	attaattttt	66180
ttaatatatta	acatttaaat	ttattttatt	ttattttatt	ttatttgaga	cagggccttg	66240
ctcagttgcc	caggctggag	tgtggtggcg	tgataatagc	tcacagcagc	cctgacctcg	66300
tgggctcaag	cagtcttccc	acctcagcct	cctgagtagc	tgagaagtat	gggtgtgtac	66360
caccatgccc	agcatttttt	tttttttttt	ttgtagagac	agggtctcct	tgtgttgctc	66420

aggctagggg	tcttgaactc	ctgagctcaa	gcagtccttc	cacctcggcc	tcctaaagtg	66480
ctgggattat	acgcatgagc	cactgctccc	ggccaatgat	aaattattat	ctattcactc	66540
aagatagaca	gaaaaataga	atgtacttga	aatttttagt	aaaatatctt	acttattaaa	66600
gagtttacca	ttatgaggtg	atatgttggt	ttccttctat	gaataaaagt	aaaaatcaga	66660
ataaaaaatat	acaaaaataa	attttaaaaa	tatacaaaat	gaacagattt	caagtgagat	66720
aataaagggt	gaaatggaca	ttatgagata	attgtttctt	ttgtttactt	agtaatgtga	66780
taagacagtc	tatagtactg	cggacagctg	gcaatttaag	atagcctttg	acattttcag	66840
cagctatcta	attttcatta	gctgcttggt	agaaaatgta	aaaaaaaaaa	caaaacagaa	66900
atacaaacca	aaaccaagca	gcacagaaga	gtacaaagtg	aaaaacaaaa	ccattgtctat	66960
ctacttccct	gatttttgag	tcctattttt	gagagagaac	cactataatg	ttttagtatt	67020
tacctttata	ttttttatta	tgtatctctg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	67080
tgtgtgtgtg	tgtgtgtgtt	tatttagaaa	tcacaagtgg	gacctgtatt	tgtcagggtc	67140
tagattatag	gataattcct	gtaaaaatct	caaagtttct	gtttctttgc	ataataaaat	67200
ttgaacactt	gctggtctga	tttgacagtg	ctttatattg	gtttttcttc	ttggcagtg	67260
tccattaaat	ggaaactcag	gaaccacagga	tctgtccaca	tgggtggctt	actcccacct	67320
gtttggatgt	gaaaaacaga	attcgaatta	tagaattaga	gaaaaagaac	caagagctct	67380
atagccaggc	tgccatcttt	accttttgag	tttghtaagta	attagatttg	tgaagatatg	67440
aacatcctgt	caattttttg	tcattctgtc	agtttcactc	tatagttaac	attcatgcat	67500
ttatacaatg	attgtcaaat	tatcaaaaata	tacatgaacg	tgaacgaagt	gaagttataa	67560
tacacaggag	gatgataatc	catcaaaaat	attcaggcca	tcagtttgga	tgagagagct	67620
ggagagtgtt	gaaatgtttc	aagttgtatc	aaaagattct	ttacatttat	agttagctga	67680
tgagtcaatt	gattgtttga	cagtgggttc	taaacctgaa	tttcttttgt	acaaaatttc	67740
ttttaacatg	gtatctttct	cttctttttt	ttttttgaga	catcatcttg	ctccattgcc	67800
caggctctag	aatacagtgg	catgatctca	gctccctgca	gccttggcct	cctgagctca	67860
gggtatcctt	ccacctcagc	cttctgagta	actgggacca	cagggtgatg	ccaccatgcc	67920
tggctgttta	aaaaattttt	ttgtagagac	aggggttctc	tatgttgctc	aggctgggct	67980
caagccaccc	tcccacctca	acctccaagt	attgggttaa	aggtatgagc	cattgtgcc	68040
tgctgatata	gctattgtaa	atgaaactgt	tgtaaaataat	ttaaaatcaa	aattataaac	68100
ttttggctgg	gcgtgggtgg	tcagtcttgt	aatcccagca	catagggagg	ctgaggcggg	68160
tggatcactt	gatgtcagga	gttcaagacc	agcccggtca	acgtggtgaa	accccatctt	68220
taccaaaaaa	tacaaaaatt	ggctaggcat	gggtggcgat	gcttgtagtc	tcagctactt	68280
gggagcctga	cgtgggagaa	ttacttgaac	ccaggagggtg	gaggttgcag	tgagccgaaa	68340
ttgcaccact	gccttccagc	ctgggtaaca	gagtggagacc	ctgtctcaaa	aaaaaaaaaa	68400
aaaaaaaatta	taaactttta	tcttcaaaag	caaaagcatt	gtttactgtt	tcagtcagag	68460
agaaatgatg	cgtaattaaa	atccatttgg	gatgaacaga	gaatgtttgc	aaaaaaaaaa	68520
aaaacctcaa	tgagtatttc	aaaatgaaaa	gaaaaataaa	aaagcaaaaa	tatttttccc	68580
tgtgaaagaa	aagaataaaa	ccagaataag	ttatagaatt	tgagataata	catttttccc	68640
cttgctttct	caaaatagta	tgtaatcat	aatcttatgc	ttgaatacaa	atztatgctt	68700
agtttttcag	aaattaattg	gagcaaaatc	aaaataaatg	aaacaaaata	tagatattaa	68760
ataaagcaaa	gatcaaatat	gcagggtgaat	tttacagact	ccataaatct	gagtgtggac	68820
atttatacag	actgcagctt	atctgtgatt	gtgtcaccat	attaatgctg	gcttcttatt	68880
tccctgagtg	aacatacacc	ccttgctgtg	agcattcagg	acagcctgtt	gagagtgtct	68940
acgtcctcct	cacatactca	cttaggccgt	gtgtgatgat	tctggggtgg	gatttcataa	69000
caaaagtgtt	agagcctaca	gctgtcagtg	gttttatgta	caactttgtt	gcgttacctt	69060
agagactgac	aaggtttaat	agtttatctc	tagaaaattgt	attcttaggt	agctgaattg	69120
tcataatttcc	tattttaaatt	ttaatcactt	aggagtcttt	aggaccttaa	aattgggtgt	69180
gatgttgaca	ctattgggtt	gacataatga	atgttaatga	attataaaaa	tactgtattt	69240
tattgattct	ataatcaaga	cacatcctgt	agtcagtggc	atcttaggtt	gaatgaactg	69300
cagtagtctc	tctttttttt	tttaaatcaa	aaggccaaat	taattgtgaa	aaatgttaac	69360
ttaaaatttc	tcagaacttt	tggcttctta	attgccactg	gaaaaagaag	tatcagtatc	69420
atcgccagct	gtgcaaggct	tgcattgttt	tttgtttgtt	tgttttttaa	tgggacagtg	69480
tctctctgtc	actcaggctg	gagttcagtg	gcaggatcgt	agctccctgt	aacctcaaat	69540
gtgccaccac	acctggctaa	ctttagtttt	tgtagagagg	gggtctcggt	attaatat	69600
tggttaggct	agtctctcca	actactggcc	ttaagcagtc	cttccacctt	gacctcccaa	69660
agtgctggga	ttatggcggtg	agccactgtg	cagggtctgag	gcttgcattct	tcatactctgt	69720
tggactctgt	agtccttcat	gctcttgctc	cttggctccc	tctttcttga	atctccactc	69780
ttcccatctt	gataaaccat	tacctctgag	tctagtgggt	tcttaactca	cttgtacatt	69840
agaatcatca	gggaagcttt	aaaaaaagaa	actgatgctg	actgggtgat	aatgatgtat	69900
cagtgtaggt	ttatcgattg	tagcaaacat	tattgtggca	tgggatgtca	atatgagtaa	69960
gggaggttgt	gcataatatg	ggacaggggc	tatatgggaa	ctctctgtac	tttctgctca	70020
attttgctga	gaacctaaaa	tactctaaaa	aagaaggtgg	tttttttgtt	tgtttgtttg	70080

tcttaatggt	caaatgggtcc	tgggatcaga	atacgtgcta	agcatggcaa	aaaagatgat	70140
caacatcatt	tagatagtg	tattcttaaa	aaaaaattct	ttctccccta	gagtgatgtt	70200
atTTTTatgc	tagtgaaatt	catataaaca	tacagctagc	atatacatc	taatttaaga	70260
cactatcaat	tgtaaagccac	actactaaga	tagaaaattg	ctaattaaac	tatgccatac	70320
tgtgtgtgta	tgtgtatgtg	taaacgtacg	tatacacact	actgatgtct	aggtccagac	70380
taagaccatt	gccttttagtc	tatgaaactt	gccaggtctg	gcagggtggc	tcacatctgt	70440
aatcccagca	ctttgggagg	cagaggagg	tggactgctt	gagcccagga	gttcgagact	70500
agcttgggca	acatggcaaa	accccatctc	taatctccac	aaaaaataca	aatattagcc	70560
aggcacgggtg	gtatgcactg	gtagtctcag	ctatttggga	agctgaggta	ggaggatcac	70620
ttgagcccgg	gaggtcgaga	ttgcagtgg	caaagattgt	gccagtgcac	tctagtctgg	70680
atgacagagt	gagaccctgt	ctaaaaaaa	aaaacaaaa	gagagagaga	gaaacatgct	70740
gataaccctt	tctttggcta	caggtccctc	tctagtattg	cctaactgt	tacctccctt	70800
tttctgcac	agttctccaa	agagggatgt	gttctcagtc	ttcactttct	taccttttag	70860
tcatgttcag	ctcaggtaat	taggcttttc	ctttgtgagt	ttcctgacat	gctgtcgctg	70920
ataatcacca	gtaaccacct	gcttgccctt	ccttccttac	tagacattct	gttgactctg	70980
acgtgttgt	ccattccctt	tcttgaaact	ctatttccaa	atctttccag	atgttgaact	71040
ctcccagtgt	ttttcatacc	tctttgacca	gtaccaagaa	tgtagaacca	agactacatt	71100
cttgggtccat	cctttatgac	agtttccctg	cctctctgtg	ccctccttca	gagagcttat	71160
acattttcaa	gttttcagct	acaattctgt	gctcatgatt	tataagccgt	ttctttgggt	71220
attcccgcc	gcatcagaat	cttatttcca	actgccacg	cagcacatct	acttggctat	71280
cccataaact	tgaccaagat	ggaattatta	gtagtatttc	ttttcataga	gatgaggctt	71340
tactgtgttg	ccaggcttgt	ctccgactcc	tgggtcaag	caatccttct	gccttggcct	71400
cccaactgtt	gggattacag	gcacaagctg	ttgtgcccgg	ctggaatata	tttttcttta	71460
aacctacatt	ctctttcttg	gtcggaggta	ccatcgccca	ccttgtcttg	agagtcattt	71520
ttcccttttt	ttcagcctct	acatacactc	atttaataag	acctacacat	tttattttga	71580
atatttctca	gcatttacat	tccctctaa	gccaccagca	tcttagctca	ggacctcatc	71640
ttcatataga	ttctgcagag	ccctcctgcc	tctgcttttg	gccctttcaa	attggctctc	71700
cacagtcacc	agagagactc	atctaagatg	cagacctgaa	ctgtcacctc	tctaccttat	71760
caccagcact	tacctccctt	cctcccaccc	actgtccttg	tctcaagtea	gctgggtgcct	71820
ttctgtctcag	aggacctcag	tagtgctcct	gagcatgctt	gcagttccgg	ctttcttcct	71880
actccatgcc	ccactgctga	cctgcttctg	ccacggcatg	cccttgctgg	cctagaggca	71940
gacgtcagaa	ttctcagcct	agcagtgaag	gtttcccaaa	ctattgtctg	tgggaattgcc	72000
atgtccttgt	tcattaccat	gcattcagcc	tgaatcctgc	ttctgactga	acaccttctt	72060
ccctctgtgt	actccaactg	tactggatg	gtgccgtgca	gttccaggct	cttgggtgtcc	72120
tgaacaaaga	attggacgtg	acacacacaa	gtagcaaagc	aagcagcaaa	agtttattaa	72180
gcactgtatt	acactcttgg	agagaggaga	gtggactgat	ctctgtgaaa	tgagatcagc	72240
atcagtttga	tgtactttgg	gtatttgtat	gtgttttttt	gtctcttctc	ttcccaaggc	72300
tgcctaattct	ttagccagac	tctgccattt	aattgatagg	tggactgctt	actttggccc	72360
ttatgtgctt	gtgtgttgcc	tccatcccat	aatatacagt	ccatatgcat	gagctttaat	72420
gagctgatta	tcatatgggg	tcatgttaag	gatacttttt	ctctctgatg	cgcagccca	72480
tctctgagga	gccagctatg	gggtctcttt	actcactttt	taatcttggt	tttgttttgg	72540
ctgctcagct	tctgtctctt	gtttcttact	cagctaccca	ttcaccttgc	ttctgctctc	72600
tgtttttact	cattctgccc	tttatccaac	ttccagttcc	ctctgttttc	ctgcatcaca	72660
gcttgggttg	tcttactttc	tgttttgttt	tgagatgtga	cgtgtcacca	tagagaaagc	72720
ccttatgtag	taagacctga	ttccttgctc	tcttgagaga	actttttgtg	gatttttagt	72780
aaattaaata	atttgatattt	acctttctca	tctataaaat	gacaataatg	ataaaacatc	72840
attgcacagg	agtttttttt	tttcttttga	aggtgtaagt	aagcaaagca	aaggggaagt	72900
agaaaaaaat	gtgaagtaga	aataatgata	aacataattt	ctttattaat	tacataatta	72960
taatttttga	aaaacccttt	tactgtgtct	tattactact	agctgtagga	actcagctgg	73020
aatcaatga	aaaaaccttg	taaatgaata	aagaaaggga	taaagccaga	ctggagccct	73080
ggttttataaa	ccaggctacc	tgtggatgaa	aggagataaa	agaggaccat	ccgatgcagg	73140
ttttgctgctg	tgaaggccac	ttggttaggc	ctgggcttgg	attgttttgg	aattaattcc	73200
aggcatttgc	actaagaatg	taatcacagt	aggaactccc	tgtaacagat	gtacagagtt	73260
tagtgggagg	taattatatt	agattttcca	cgtggctcct	gaggtttcag	gggattagtt	73320
tggatgggtct	gtttgggctt	gactactttt	acacaatgta	tttgtttagtt	tgctgtacgg	73380
tattcatggg	gattaatggc	tgcattaagt	aagagtaacc	ctaaaactct	ctgagagctc	73440
gttataaaaa	cattcagtga	aaattctgtc	tccatggcca	taatctttta	attgaattga	73500
attatgtggc	ctcttatcct	gcacggagaa	gggtcttgct	actttcatgt	ttactggggg	73560
ctcctgtcac	atcttgccct	tgctggggct	gtgaaagggc	agcagttttg	ctgtgttcac	73620
cttaaataac	ccttagtggt	aacatgatta	tttgttcttg	gtggaaaatg	ttagagtgtt	73680
gacttttgac	gtcttgataa	tgatcttgg	tatgttcaca	aatttctgtg	ggtagaagaa	73740

gggaaaacca	acataaataa	gtttgtat	caggetgatt	ttttcttttt	cctttttttt	73800
tttttgagac	agagtctcac	tctgtcgccc	aggctggagt	gcactggcgt	gatctcagct	73860
cactgcaacc	tctgcctccc	tggttcaage	tatcctcctg	cctcagcctc	ccaagcagct	73920
gggactacag	gcacatgcca	ccatgctcag	ctaatttttt	gaaattttat	tagagatggg	73980
ggtttcacca	tcttggcctg	gctgggtctg	aactcctggc	ctcaggtgat	ctgctcactt	74040
cagcctccca	aagtgtctgg	attacaggcc	tgaaccaccc	cgtccagtct	gattttttgt	74100
tttaaataac	aatgaatat	tatctctatg	ttataagaca	taaggcaact	gaagaaagcc	74160
ttcttagtgt	gaaatattta	tcttagatat	tttttagcca	aatgatattt	agtaaacatt	74220
ctgtttatat	tgctaactga	agaaggctca	atgacaatgt	tgataaaagt	gcaagccatt	74280
tcaaagatta	aagcagcact	tcacttctat	gcataatattg	tgtttttagtc	ccatcgatag	74340
cttttacagg	atcaacctgt	cattcaatcc	atccattctt	ttcttttttt	ttcttttctt	74400
ttttttgaaa	cagagtcttg	ctctgtcgct	caggetggag	tgccgtggca	gctcactgca	74460
acctctgtct	cctggattca	agtgattctc	gtgcctcacc	ctcctgagta	gctgggatta	74520
cagacgtgaa	ccaccatggc	cagctaattt	ttgcagtttc	agtagagaca	gggttttgcc	74580
gtgttggtca	ggctgggtctg	aactcctgac	ctcaggtgat	ccacctgcct	cggcctccca	74640
cagtgttagg	attacaggca	tgagccaccg	cgtccagcct	attatttttt	tttagaaata	74700
ttcatttaag	tccaattttg	ttgtgcttag	ataccatcta	ctgaatcctt	atatatatac	74760
atggtacaag	gtatgtaaac	ctctgtctgt	tataaatatt	ttctctcagg	ctgtcacttg	74820
tcttttaact	tgtgctattc	tatcataaca	gagttttaat	agtataatag	caaatttgct	74880
agtctcttag	taacttttga	gttttttatc	ccagagagat	cccatcagta	cccaaattat	74940
taatgtcctg	tagtttttct	aacattttta	ttgtgtatat	tttctaattg	tttctgctat	75000
agctttttat	ttcatctgga	atctctggct	tgaattaggg	aaagatttat	cttttctcca	75060
ctcatataaa	atgtaagtat	tttcatacat	taaattcctt	tatatttggtg	gatctatttc	75120
tggacttggt	tcaaattggt	tgtttattct	tatgccagta	ctgtgtgggt	ttaaaggcca	75180
tatatctctt	taatttttaa	gaagcttata	ttttctttca	catggtgtga	aacaaatttt	75240
acatgaacag	caaggtataa	agtaaaaaat	tgaatccctt	ttttcttgaa	ctcattcact	75300
atagtttccc	ttcccaaagt	aaactactgt	taaatttctt	gacttttttt	ccccagaaa	75360
actgtccatg	tactagcaca	tacacaaaag	cacgggtaga	agttttacaat	gggatatgat	75420
acacattatt	ctttgctttg	cttttttaaa	aaataacatc	tttaagatat	aattctgata	75480
accatacagc	tatttcaatc	tataattcat	tggttttttag	tgtatccaga	tacttgtaca	75540
acattttacca	caatttttaga	acatcaaccc	aaaaggatac	tccttaccce	ttagcagtc	75600
ctcctcatte	ctctccccac	ttccttactc	ccagccctag	gcaattactg	atctactttc	75660
tgtctataaa	tttgccattt	ttggatatgt	catataaatg	ggttttatata	tatgtggctc	75720
tttgtgtctg	gcttctttca	cgtcacatga	tgttttcagg	gttcatccat	ggagtagcat	75780
ctgtcattac	ttaatttccct	tattgtcgaa	taatatccct	ttgtatacat	gtaccatatt	75840
ttattttattc	atgcacagat	tgatggacat	ttgggttggt	tttacttttt	aactactttg	75900
aatacttggtg	tatatgtgtg	catgtttttt	tgtacagaca	tattgttttc	atztatctta	75960
gatattttacc	taggagtgca	attatggggt	aatacagtaa	tttctatat	taaccttttg	76020
aggaaatgct	agacgggttt	ctgaagtgc	tgtactgtgt	tacatacctg	ttaggagtg	76080
atgaagattg	ttgtttctct	ggatcgtcac	caacacttat	tattgtcttc	ttgattataa	76140
ccattctagt	gggtgtgaag	catgaggtgg	ttttgatttg	catctccctg	atgtctaattg	76200
atgttggtcca	tactgtgtg	tgctaattga	ccatgtgtat	gtcttctttg	gagaaatgat	76260
ttatttcagat	tctttgcaca	cttgaaaatt	tggttgtctt	ttcattattg	aatggcaaga	76320
gttctttttta	ttttctagat	acaatgccat	catcagatag	atgattttac	agtatttcc	76380
cacattctgt	gggtgtgctt	ttcacttctg	tgacgggtg	cttgaagcat	aaaagatttt	76440
aatgttgatg	atgtccaatt	tatctatctt	ttttgtgtct	tttggtgtcc	tgtctaagaa	76500
accattgcat	gatccaatgt	agagttatat	ctgtgttttc	ctctaagagt	tttatagttt	76560
aaacccttac	atttaggtct	ttgattctaa	gtgtatgggt	tgaggtaggg	gtccagtttt	76620
attcttttgc	atgtggctat	ccattttccc	cagcaccatt	taatgaaaag	actatttttc	76680
catgtcagac	tgtcttggca	ccttgtcaga	aatcaattaa	ccttaactgt	gaatgtctat	76740
ttccgaactc	tgaattctat	tccattgacc	tatatgtcta	ttcttatatc	tataacacat	76800
tatcttgatt	actgtagtgt	tgtagtgaag	tttgaaatta	gaaggcttga	gtctgggttg	76860
gggtcggtgg	ctcacacctg	taactctggc	actttgggag	gctgaggtgg	gcggatcacg	76920
aggctcaggag	atcgagacca	tctgtgctaa	catggtgaaa	ccccatctct	actaaaaata	76980
caaaaaatta	gctaggagtg	gtggcacgcg	cctgtagtcc	cagctactcg	ggaggctgag	77040
gcaggagaat	cgcttgaacc	tgggaggtgg	agggtgcagt	gagccaagat	tgcaccacta	77100
cactccagcc	tgggcaatag	agcaagactc	tgtctcaaaa	aaaaaaaaaa	aagaaagaaa	77160
aaaaaagaaa	gcatgagtcc	tctaagttgt	tctctctttc	aagattgttt	tggctactct	77220
gggtccgttg	aattttctgtg	agaatttttag	gatcagcttg	tcaattttttg	tcaagaagtc	77280
agctgggatt	ttgataggca	ttacactgaa	tctgtaaaatt	gattgagagg	tattgtcatc	77340
tccacaatat	taagtcttca	gacctatgaa	tatggatgtc	ttccccattt	tttagacttg	77400

ccatttattt	aaatgtattt	aatttccttc	agccatattt	tgtagttttc	aaagtataaa	77460
ttctcttatt	aaatgtattc	ttttcaatgc	tgttgtaaat	acaattttgt	cttaatttca	77520
attttaggtt	attcattgaa	attgtataga	tacgtgataa	gttttgtgaa	ttgatcttat	77580
aagcctgcaa	agttgctgaa	ctcatttatg	agttctaata	gttttttaat	ggattcctta	77640
ttattctata	catgagatta	tgttactgca	aatggaaatt	gttttacttt	ttcatttcca	77700
aaacggatgc	cttttagtcc	tttttcttgc	ctaagtgtcc	tggctagaac	ctccagttca	77760
atgttaaata	gaagtataaa	gaacaaatac	cctttctgtt	cctgggtcta	ggggaaaaac	77820
attcggctct	tgtaactaa	gatgttagct	gcggttttcc	atagacaccc	tttatcaaac	77880
tgaggaagtt	cctttacatt	cctagtttgt	tgagtgtttt	gatcataaag	ggtgatgaat	77940
cttgtcaaat	gctttttcta	tgtctcttgc	atctattttg	atgatcatat	gttttagtcc	78000
tttatctatt	gatatgatta	cattgattga	tttttggatg	ttaaaacaaa	cttacattcc	78060
tgggataaat	tctacttgct	catactaaat	aaactttttt	ttttttttta	acattcctag	78120
ataatgggtt	gctagtatta	tgctgaggac	tttcgtgtct	gtatttatta	gaaatactag	78180
tctgtcgttt	tcttgtgata	tctttgtccg	attttggtag	cagggtaata	ctggcctcat	78240
agactgagct	gcatagcatt	tcctcctcct	ctatttttatg	ctgaaagtat	ttgtgaataa	78300
ttggtattca	ttcttcttta	aatatttggg	agaattcacc	agtgaagcca	tctgggagta	78360
ggcctttgca	tgtgggtggg	ttttgaatat	ccttgcttgt	tagaggctct	ttcagatttt	78420
ctgttttatt	ttgagtcaat	ttcaggattt	tgtgtctttc	taggaatttg	tcatttcatc	78480
taagctaacc	aatctgttgg	cacacagttg	gtcatagtat	tactttataa	tcctttttat	78540
tctgtatggg	tggcaataat	gattgctgtt	ttaatcagg	attttagttc	taccttgctt	78600
tttaatgctt	tatattttag	agatcttttt	gtaaaaattg	aattcatctt	ttagtacca	78660
catagtgttc	cataactaac	ctatttatgg	tcattaatgt	tatgaataat	gccacagtta	78720
atatcttttg	atatattgta	gggtactttt	ggtgatagtg	tgtttctgag	ggtaaatctt	78780
tagcagttga	tttgtaggt	caaagggata	taatgttcaa	tattagtaga	tattgacaaa	78840
ttatccttta	tagagtttgc	actatttaca	tttatttttc	tatactatga	tatcctttac	78900
ttctttgtct	tttatgggt	tatttatttt	aacaagtttt	tgttatatta	agaagaaatt	78960
agcctttgtc	atatgtcttc	caaataattt	ttccttgttt	atagtttctt	ttgaccttgt	79020
tgaacatttt	ttgccatacg	gaagttttta	agtttttgtt	ggtcagattt	atcctccatt	79080
tccgttctgg	cttctggact	ggtatcactg	ccatgtatca	cacggtatta	ctgccatata	79140
aataggctct	gttaggcttc	aagaaacaag	tgatggattt	tattgaattc	atagagaata	79200
agaaaagtag	gactagccac	acagttaagt	ttatgttttg	gggatacagc	agtcttccag	79260
gagttagtct	gtaaggctcg	ccctctgcag	ggagcttgat	tgaanaatcta	gtagttggct	79320
gttcagagat	gacattccat	tcctctcttg	cctcccttcc	ttctctctag	gtgacattct	79380
actgttatgg	ttctgctgcc	ttttccgccg	cttgtatgac	tcttgatctt	tcttgtttat	79440
tgaagcctta	tagcttctgc	tctcttgctc	tgtttttctg	catctctctg	taggtcattg	79500
tggcttctgt	gcccattggg	aagtactgac	tcttgggtatc	tccatttttag	actcctgttc	79560
agaggagaga	tcagattggg	ttgtcaggtc	actgtttttt	attcattgta	gaccactgta	79620
gacgggcgga	gactttctgc	caagcctgtc	ttcagtctgc	agattggctg	ctctttgcac	79680
tctccagctg	gcctgggctt	caaaagtggg	cctaagtggg	tgaatgtagg	gcagccctct	79740
gtgttttaaaa	aagtcaaaaa	gcttaaaaag	gtgcatgtgg	cagaaatttt	caaaaaacaa	79800
aaggagcatt	ataagcaaca	ggccccttcc	attgtctgac	ttgtaaaatg	tgcaacgcaa	79860
taggcagcta	ttcttttgtg	acagatgtac	ctcaaatccc	agaccatcag	ggccctcagt	79920
tagctagcgt	cagtggaggg	gtacgactca	gacacaatta	accacaacat	atggaagcat	79980
ggaagatggc	acttggcaga	aactaagcct	taggagtggg	gcctgtcacg	ccactgaatt	80040
cagggatgtg	tttgaacacg	acaccgtttc	agagaccttg	gagagttagt	tctcattcac	80100
aataggcatc	acgttgatag	ataaagatat	tgtggatatag	gcaaggcagc	cagaaagggc	80160
tacatcaaca	gaggcacagg	ggcaggaaag	caggaaagta	ggaaatgtca	actcttggac	80220
ttctgagtct	gacttaggaa	aaattaagga	tggaaagggtc	agttagggcc	taattttgga	80280
gtgtccagat	tccctgagag	cgtgcttggg	ttttatttga	ttagtagtgg	ggagctattg	80340
aaagttttga	gctggacaat	gacattaatt	aactaattaa	tgcaacaaat	atztatgtgt	80400
gtcaggcact	gttctaggca	ttttggggta	taacaatgag	caaaataaac	cagaaaaaaa	80460
attcctgctt	ctaaaactta	tgttttagtt	gaggaggcag	tcaatattac	tatgtgtaat	80520
aagtatatca	tatagtatgc	taggtaatat	attctgttga	aaaaatttaa	aaagttaggt	80580
agtggggaat	gggtgtatag	gtggaggttt	agggaagaaag	gcagagtgtg	gattttattt	80640
tattttttga	gtggaggtct	cactctgtcg	cccaggctgg	agtgacgtgg	cacgatcttc	80700
actactgca	gtctccactt	cctgggttca	agcaattccc	ccacctcagc	ctgctgagca	80760
gctacaggta	tatactgcca	caccagctta	atttttgtat	ttttggtaga	gacggggttt	80820
taccatgttg	gccaggctgg	tcttgaaact	ctggcctcaa	gtgatctgcc	tgcttcaact	80880
tcccaaagtg	ctgggatcac	aggtgtgagc	caccatgccc	ggcctgtgat	tttatatatg	80940
cctcttattt	ttacttgaca	cataattgta	tatatttatt	agatacagaa	tgatactttg	81000
ataticgggat	acaatgtgta	atgatcaaat	cagggttaatt	agcatattct	tcaccacaaa	81060

catttatcat	ttctttgtgt	tgtgaacatt	taacatcctc	tcttttagcc	ttttgaggat	81120
atagaataag	ttatagtttc	tactctctac	ttccatgagg	ccacattttt	tttagctccc	81180
acatatgaat	gagagcaggt	gctttctgtg	tctgacttgt	tttgcttata	ataatgtcct	81240
ccaggctcat	ccatattgct	gtgaatgaca	ggatttcatt	cttttttatg	gcagcatagt	81300
attccattgt	gtgtatatgc	cacattttct	tcatctcttc	atcttttgat	ggatgttttag	81360
gtttatttca	tatcttagtt	attgtgaata	gtgctgcagt	aaacatgggg	attcaggtat	81420
cattttgaaa	tactgatttc	cattcctttg	gataaatagt	agtaggggtg	gtagatcata	81480
tggtcattct	attttttagtt	ttttgagaat	cctccacact	gttttccata	gttactgtac	81540
taattttacag	tctcacaac	agtgtatatg	aattcccttt	tctctgcata	attgccagca	81600
cttgtttttt	ttttttttct	ttttgacaat	agccattcta	actggggtga	gatgatattt	81660
catttcatag	atgtgatttt	aaataggtgg	tcaaggtagg	gtttagttaa	aagggtgccag	81720
aagatagaac	ctgctgcagg	ttgagcatcc	ctaacttgaa	aatttgacat	ctgaaatgct	81780
ccaaaattta	aaagggtttg	agagctgaca	ccacaaatgg	agacttccac	acctgacctt	81840
gtgacagggt	gccgtcaaaa	cttggtttca	tgcacaaaat	tattaaatat	agtgtataag	81900
tttaccttca	ggctatatgt	ataagggtga	tatgaaatat	aaatgaattt	tatgtttaga	81960
cttggttccc	atccccaata	tatctcatta	ggtatatgca	gataatttcaa	acctgaaaaa	82020
atcggaatc	tgaataactt	ctgaccctaa	gcatttccaga	taagggatat	tcaacctgta	82080
gttcatttagg	gagaatatta	tagaaaagcca	ggtcgaatat	tgttgaatgg	gttggggggt	82140
tgctgatgaa	gagctctggag	gcaagaaaac	cactgaagat	ttgtgtgaac	tgataagtcg	82200
cttcagtggt	ggaagtgaac	tttttttcca	cttggtttat	atttttctac	cttagcaaag	82260
aagtcagca	gttaactagc	ccaataaact	ctacattggt	tttttagact	tgcgagatac	82320
gatttctaaa	ctattggtat	tctttactac	caagagtcta	gtgtttcttt	atztatggac	82380
tactcatacc	agaatcactt	gggggtacta	gttaaacata	gagatgcctg	ggacctgccc	82440
caaactcttg	aggaagagca	agatagtggc	caagaacaca	ggctcaagggt	aatcagctctg	82500
ggttcaaate	ctggatctgc	ccttacttga	ctgggtgggt	tcgagcaaga	tacttactta	82560
ccttttctgt	gcctcagttt	cgccatctgt	aaaatgggaa	taatgataat	atctacttca	82620
tagaattatt	gtgaggatta	agtagattaa	tttatgtgaa	gtgctagagc	actgcttatc	82680
acctggtaca	cacttagtgt	tagctacaat	tgtttgtatt	caatcataat	ctctgaagggt	82740
gaggcaagta	atcttcaaat	tcaacagtca	ccctgggtat	tttatgtgtc	cttggtgtgt	82800
gggaaaaact	gttattactt	ctggagccat	ggtgaattct	gtgagtgggt	cacacatcag	82860
gtatggtgac	ttagttagaa	tatgagccaa	ttaatgtttt	gatttcacac	atacaatgggt	82920
ttatttagca	acaaatgcca	ctgtttactg	tacatattgc	atgttaagca	tattctgttg	82980
ccattcacaa	caaccctatg	atgtaagtaa	atatcactca	gattttacag	gtgagaaaac	83040
tgaggcttac	actgatgaaa	actttcccta	agtgcacacg	cctgtgagct	gtgcagttgt	83100
cattgatcct	tggtcttgcc	tgaccaaga	gtacttggtc	cttctacatc	ttctagttat	83160
tcaacctttt	tatcttgcaa	acatatatat	tttatagtca	gatgcatttg	tacaaattct	83220
ttacaactat	tggataaaaa	cctcactggg	catgatttat	taatggtaag	ctagtgtgat	83280
cattctatat	gatcaagatc	ttaaaaaatt	ttgtctttgt	aagtgtagag	atataggaaa	83340
aaccaaagtt	cttttcccat	tctaacatag	tactcagta	ccacacagaa	tgcttctgtt	83400
accagtacat	gggggttttt	ccctacacac	taaccaaaca	gttctgcagc	agacatcagc	83460
tctggtgtct	cctctaattc	aatttaattt	tgactctatc	tagaggtagt	gtcagatccc	83520
actgcttgag	agctcagtc	cataagactg	tccccactt	cagatgccaa	tcaaagttag	83580
ggcctccaga	atatggaatt	tctgactgac	cagtgggtta	agaaaaactt	aagcactttt	83640
aaaccattta	tttttatttt	ttatttttat	tttttagagac	aggctcttgc	tctgtagccc	83700
aggctggagt	acagtgatga	tatcgtagct	cactgcagcc	tcgaactttt	gagctcaagt	83760
gatactacca	cctcagcctc	ccaagtagtt	gaggttacat	gtgcacatca	cgatgccctg	83820
ctaattttta	tgtttttatt	tttcttagag	acaaggctct	actatgttgc	ccaggctaatt	83880
cttgaactcc	tggcctcaag	tgatccttcc	acctcaccct	cccaaagtgt	tgggaattaca	83940
ggcgtgagtc	cccacaccca	gccgaaacag	cttgagcatt	cagcagttga	tggataggggt	84000
agcagcagac	cacaagggag	tgtcactcct	ccaggagggg	caagagggga	agcttttata	84060
aagtatttgc	agaagcaaga	caaataaacc	aatttttgatt	gatttagagt	gaaagttcct	84120
agttagagat	tagttggtag	tttctgattg	gtgcagtttc	tggttttaatt	ttactgttta	84180
cattgggctt	tggtttgttc	gattagggat	ttaaagtgc	aagagctacc	ctaccctagt	84240
ctaattgact	ctcaattgga	atggtttttt	ttaagtttcc	tctttttttt	ttttcattta	84300
tttatttatt	tattattatt	atactttaag	tttttagggt	catgtgcaca	atgtgcaggt	84360
tagttacata	taagtttctt	ccttttggtc	agcctctcat	ttataaactt	ggacgttaagt	84420
gccactctct	gtcaccatca	tggctagggt	gtctttgtct	tagtgtggaa	ctcataaatc	84480
atgacaacag	gctcaatgaa	aaacaattcc	ttttgttgtc	aatctcattt	tttttctaatt	84540
cacagtgaga	caatctggta	tgctgttgat	gtttttgaa	atacatttta	gacccttgag	84600
agaatatagt	gcaccaggaa	gattataatg	atgactacca	ggaggataat	actgagagac	84660
ttagcttctt	agttaaagtc	cccacgaacc	aaactaacta	atatttctat	ggaagcaaaa	84720

gaaaaacaaa	gcttaatgat	aagaacaaat	cataaattcg	gtctctgagt	ccagaggggtg	84780
attagtcagg	aagatttcta	gatttgagct	ctaagcatat	tttcttggtt	tgcagtttga	84840
atgcccttag	ttatggcagt	gggcattttg	gtgaactccc	tgagtgggtcc	acacatcagg	84900
catgaggggt	gtcctctgaa	cttgtatcag	gtatacatct	ccatcttgca	gggttttcagg	84960
agcagagcag	ttcttgttca	gagtgattcc	aagtcagaaa	agtgggagaa	aattggatgg	85020
aggaacctag	aagaactgag	gattcagtcg	aaactacagg	tagataataa	aacttgaaaa	85080
cagttaatag	ggctgcagtc	taataacagg	tgtactattg	tttctttctg	aaacataatt	85140
ttctctctgt	agtcacccct	gtttctacca	aagataaatg	ggccaggcgc	ggtggctcac	85200
acctgtcatc	ccagcacttt	gggaggccaa	ggcgggtgga	tcacctgagg	tcaggagttc	85260
gagaccagcc	tggccaacat	ggtgaaaccc	tgtctctact	aaaaatacaa	aaattagcca	85320
ggcatgggtg	caggtgcctg	taatcccagc	tactcaggag	gttgaggcag	gagaatcgct	85380
tgaacctggg	aggcggaggt	tgcagtgagc	cgagattgca	ccattgcact	ccagcttggg	85440
ggacaagctt	gagacttcgt	ctccaaaaat	aataataata	atcagtgtaa	gactaatttg	85500
attgcataat	aaattttgtc	tcatcagact	tggcctgatt	atgtaagtgc	agtaagaata	85560
gtgattgacc	gcacaagttc	tttttaaagt	ttgttttgct	ggaacctttg	atagggatc	85620
agattgaact	tttaaaaaaa	cctcttaaat	ctaggaagcc	aaaccaaggc	aaattttaga	85680
cttcacctgc	agtacctata	tatttgggtg	aattcttctc	ttctcgtaag	gtcccccaa	85740
tatcttgagg	ttcctgggtc	tgctgggaac	tgatagcttt	tactcactca	ctgtgagact	85800
gggaacactt	ttagccaggc	attctatgca	cactgtcaaa	tatgaccctt	ggtaatataa	85860
ccaatgtttc	caattgtgtc	ttgttataaa	gagaacagat	tctttttgaa	cttatgcaaa	85920
tagttatatt	gccataaaaa	aaatcttcac	aagtagcttt	ccaagttccc	gaggatcagg	85980
tagagaggaa	aagtaaatac	ttcaatcttt	attcacaaaa	gtatactttt	ccaaattgct	86040
gcaagcagta	gatagcttaa	aaggtaaaat	gtttcttaaa	actttaaaaga	accagcaaaa	86100
cttccacata	taaagtcata	aaaacattat	tttcatcagt	tattcagctc	tatgtaattc	86160
ttgttctgca	tgatctcggg	atagcagttt	cacaaactca	ccagtttctt	tattagcgtt	86220
ctgagaattc	ttacccactt	tcatggcatt	atcttaattt	aaagttataa	gaaacctgta	86280
tatccagagt	acttctcaga	gttctttccg	tgaatatctt	tgaagaagaa	gcaatttttg	86340
actatagctg	attgcaaatg	cttttagaga	aaaatcaaaa	caataactgc	ctatggatga	86400
caagacttaa	gatggccata	gttaaattct	aatgagggtt	cattataata	atgcaactga	86460
caaaaaaatc	tggttatttt	ctgtgacata	caacatttta	acataataat	caagattatg	86520
actgtagaca	ttttataaaa	cataatttca	aaaagtttta	aacttttatt	ccatttatat	86580
ttaagtcact	ccttcttaaa	caaataatac	tgaattgctc	atgaaaaaat	tcatgagata	86640
ttgaacagag	ttagccattg	aaagagttca	ggaaatgcc	ctccaaaatt	tactgctttg	86700
gaatattgat	tgctttgagc	cgaaagcatt	tgaaaaaata	caaatgcagg	gaggggcttt	86760
ttgggactcc	tttgtctgcc	taaagacagg	tccctcaaag	aaattcagct	atcatccatg	86820
ccttctccca	cggcatcatc	ttaatgttat	ttaatttttc	ttgacaaatc	aggcaggtat	86880
cacagttttt	tacttccatg	actgacgtgc	atcaagatca	agcaattcat	ttttactgca	86940
cattttctct	ttaggttggg	tttatgggtt	tatgatctta	aacatctagc	agagccaaca	87000
ccaatctgtc	taaccagcaa	cccaggaaaa	acttgagaat	tctgagaaac	tcccatttta	87060
ttttaccgac	aatttaaaaa	ctagctttat	ttaccacaga	cttatgtaaa	tcatgtgaac	87120
ttattaaaaa	aaaaacacac	atttgggtca	gtttctgcat	ttctgagagt	tttagaaata	87180
atttacatgc	atgctcattt	atccccaac	caatttgaat	agatctccat	taaaggattt	87240
tataaattgg	tttagtaata	ccatctgaaa	atatcacata	tgtgtgtgta	tatatataga	87300
cacacacaca	cacaaacatt	catacaaaag	cagacagaag	gagataacgt	ctggtttgag	87360
tcacttatta	aaagttagtc	aaagggtcct	cttgggtggt	ggttgctccg	cagttgctat	87420
aattacaagg	ccattaattt	ggaaaccttt	tgtttctcat	cttgctctga	ggtcctcagc	87480
taacttactt	aacctgttag	cttcttctat	ctttctctct	ctctctttct	tgtttggtaa	87540
tgttgtgggg	agactccatt	tacaaaaagg	acagctagga	ttagctgaat	tgatgtaatg	87600
cttggaatgc	tgtaggaaaa	acaaaaggtc	caagtgggct	ttgaaattag	taacagattc	87660
atttttcttt	tgtctgcagg	tctggtttag	tgcagggtgg	aaacacttta	ggaatggctt	87720
tcaaaagctt	atttatggcc	gggcatggtg	gtcacgcct	gtaatccag	cactttggga	87780
ggctgaggtg	ggcggtcac	gaggtcagga	gatctagaca	attctaggta	acatggtgaa	87840
accccgatc	tactaaaaat	acaaaaaatt	agctgggtgt	ggtggcaggc	gcctgtagtc	87900
ccagctactc	gggaggtgga	ggcaggagaa	tgggtggaac	ccgggaggca	gatcttgtag	87960
tgagctgaga	tcacgccact	gccctccagc	ctgggcaaca	gagcgaaact	ccgtctcaaa	88020
aaaaaaaaag	gttatattatg	tttttttggg	gttttttttt	gctttttgtg	gtttatatat	88080
gaaccaaat	gggtctcatg	gccacagata	tcatcttcag	agtataccc	ttctgccttt	88140
tgcgtccatt	ttggctttcc	tcatgtccta	tccacatgag	tttactgggt	acaaaaaaa	88200
aaaaatagaa	cgagtaagac	ctactatttg	aggctggaca	cagtggctca	tgtctgtaat	88260
cccagcactt	tgggaggccg	aagcgggtgg	gtcatgaggt	caggagatca	agaccatcct	88320
ggctaacacg	gtgaaacccc	ctctctacta	aaactacaaa	aaattagccg	ggtgtggtgg	88380

cgtgcacctg	tagtctcagc	tactctggag	gctgaggcag	gagaatggcg	tgaacccggg	88440
aggcggagcc	tgcagtgcgc	caagatcgca	ccactgcact	ccagcctggt	gacagagcaa	88500
gactctgtct	caaaataaca	acaacaacca	caacaacaac	aacaataaac	ctactgtttg	88560
atagcacaac	agggtgacta	cagtcaacga	taacttaatt	gtacatttaa	aaataactaa	88620
gaatataatt	ggattgtcct	ttgtgttata	caaaggataa	atgcttgagg	ggatggacac	88680
cccattcttc	atgatgtgat	tattatgcat	tgcattgcctg	tatcaaaaca	tctcatgtac	88740
cccataaata	tatataccta	ctttgtaccc	aaaaaagcta	gaaaaatcta	aaaaccacac	88800
aaaaaatagg	aaaaaaatcc	atgtttacct	aggttgccaa	gttcagagca	aaaccatttc	88860
atgaataggg	cagacaaagc	attttctctg	ccagacaggg	atacctttta	ttattgctct	88920
gagattaaga	ttttgatcaa	gacataaggg	tacatggcga	aacccccact	ctactaaaaa	88980
tacaaaagtt	agctgggcgt	gggtggtgagc	acctataatc	ccagctactt	gggaggctga	89040
agctggggaa	ttgcttaaat	ccgggaggca	gaggttgcat	tgagccaaga	ttgcaccgct	89100
gcactccagc	ctgggtgacg	gagccagact	ccatctcaaa	aaaaaaaaaa	aaaaaaagca	89160
gacctgggat	gggtgtaatc	ctagcatttt	gggagggtga	gacgggagga	ttgcttaagt	89220
ccagaagggt	tgtagcagga	cgagccgcag	acaaaacccc	tcagacactg	agttaaagaa	89280
ggaagggcct	tattcggtcg	agagcatcag	caagactcat	ggctcaaaaa	ccgagctccc	89340
caagtgcaga	attcctgtcc	ctcttaaggg	cttacaactc	taaggggggtc	cacatgagag	89400
ggctcgtgatc	gattgcagca	gcagggggta	catgactggg	ggctgcatgt	accggtaatt	89460
agaaaggaac	agaacgaac	aggacagggg	ttttcacagt	gcttttccat	acaatgtctg	89520
taatctatag	ataacataac	cgattaggtc	aggggtggat	ctttaactac	caggcccagg	89580
gtgtggtgct	gggctgtctg	cctgtggatt	tcatctctgc	cttttagttt	ttacttcttt	89640
ctttggaggc	agaaattggg	cataagacaa	tatgaggggt	ggctctctcc	cttaggttga	89700
gtctacagtg	agctgtgttc	atgcctctgc	actccagctc	aggtgacaga	gggagaccct	89760
atcacaaaaa	gaaatgaatt	aagtaaaaaa	ttttctttta	aaaaattttt	cttatttttt	89820
atttttttga	gacagtatct	tactctgttg	cccaggctgg	agtgcagtgg	cacatctcag	89880
ctcactgcag	cctcagcctc	ccaggttcaa	gtgattctcc	tacctcagcc	acccaagtag	89940
ctgggatttac	aggtgtgcgc	cctcatgtct	ggctaatttt	tgtattttta	gtggagatgg	90000
ggtttcgcca	cgttgcccag	gctggctctg	agctcctgag	ctgaagtgat	atgcctccct	90060
tggccttcca	aaatgctggg	attacaggtg	tgagtcagca	cgcccagcct	aaaaatgttc	90120
tattaaaaag	aagcagacct	ggttaatctg	agaacctaac	tataaatact	catttagttc	90180
tttttccttc	agggcatgca	gataaacaag	caaaaaaaaa	aaaaatcagc	agactcagag	90240
tagacgagag	gttagaaacc	tctacatgcc	agtaaaaaat	acttctcatt	tctgtttttt	90300
ttgttggtgt	tttttttttt	ttaaatagag	atggggctct	gctctgttcc	cccggctgat	90360
ctcaaaactcc	tcagcctccc	agagtgtctg	aattacaggt	gtgagccacc	gtgcttggcc	90420
cttcccactt	cttgagatgt	tcaagatcgt	gtgtgtacgt	gtgtatgtag	gtgaacaatt	90480
ttgttttaggt	aaaaacttcc	actttgtagc	cactaaaatt	ctaaattgct	tttggttaaga	90540
tttgcccatt	cttttagaag	agcttaggtt	ctgagatgct	attatgagaa	gcacttgaga	90600
ctataacatc	cttctcccca	cacccccaaa	ctgggaagga	gctgggagac	caaagaataa	90660
cttgataaaa	tctagcttga	cggctagatg	agcttggttag	gacttaactt	caggacactc	90720
ctggatgggtg	gctggacagc	tctagagatc	cacaccacct	cccatttcta	agctgctttt	90780
aagttaattt	tctggccctt	tgtcaatttt	gtgtgggttt	ccttgatatg	tccccagcta	90840
tgccccagga	tgttttaggt	ctcagggaca	cgtggtcctt	ggctgggcgc	agtggccttg	90900
gttcaactgcc	tagcttttgg	ggttcaagca	atacacatac	actcttaagt	aacctggtag	90960
gggaccagtc	acactataga	tggagtcca	gactctggat	ttaaataaac	tcattatttc	91020
cagtcttcgt	ggaaaccttc	ctagtggagg	tcttttgctt	aaccagttt	ggtttttctg	91080
taacctagtt	ggacacctga	agcctccctg	caaaacccag	tcttgtttct	gctgtgactt	91140
ccaaacctag	tctggagcag	aaatgttaaa	atgaacttgg	agaacttgac	gctagtgtta	91200
gaatgcacgt	atctaagctc	acttactggt	gatgacctcc	aaatgtgcag	ggagtaagca	91260
caaggggctc	tgtggggtaa	ctgtatctgt	ttgcttggtg	ctcccagagg	tcattatcat	91320
gtagtgtcca	ttggatccca	cttctgatat	cagatctgat	aaaagaaaat	cttaagcaca	91380
tttacatttt	cagcagttta	gttgagcatt	cagcagtttg	tgaatggggg	agcatcagac	91440
cacaaggggc	tagcactctg	cccacagggg	caagagggga	aactttttata	aagtatttgc	91500
agaagcaaca	caaatgaaac	caattttgat	tgggttagagt	ggaaagtttc	tagttagagg	91560
ttagttgggtg	atttctgatt	gggtgcagtt	ctagtttcag	tttactgttt	acattgggct	91620
ttggtttgtt	cacacacgaa	tttaaagtga	cagagctagt	cagtcagact	caatcagaat	91680
ttttttttta	cattgcctgt	aaattggggg	ttccatgact	cacctccttg	ggtttgatca	91740
gtttgctgga	gagtgggttc	cagaactcag	ggaaacactt	ttctgatatt	taccatttta	91800
ttaaaaagga	tatgccagag	gataaatatg	cacagtttga	tggagagagg	gcatagggcg	91860
aggtgtggga	gaaggggcat	ggagcttcca	tgtctccttt	gagcatgccg	ttctccagga	91920
acgtccatgg	gttcagccat	ctggaagctc	ccagaactgt	tttgttggtg	ttgttggttg	91980
tttgtggaaa	ctttattaca	taggcattggt	tgattaaatc	attggctggt	ggttaatcga	92040

ttcaactgta	agcccctctc	ccctcccaac	aagttgggag	tgggactgaa	atctccggcc	92100
ctctaatac	atggttggtt	cccctggcca	ccagacccca	tcttgaggct	atctaggaac	92160
ccccagctac	taattatctc	attaatacgc	aaagacactc	tgatcactct	ggagattcca	92220
aagatTTTTag	gagctctatg	tcaggaaacg	gggacagacc	aaatatatat	tttgcaatat	92280
cacaacacga	tgttctaaaa	ggccttttct	atctgagagg	tatttttctg	ctaccctctg	92340
tagccagcct	ccagcatggt	ttgtgatgat	ctgggtcttca	cactcgtgta	gttgcctccc	92400
acatgttacc	aggtttagtc	tgtgtgacca	gtagaatata	gcagaaatga	tatgtcactt	92460
ctaagataaaa	ggacagtggc	ttccatctag	gggtctcttt	ctctgtcaac	cactttctct	92520
ggaaaaccag	ctgacatgta	gtgatcaggt	ccataaagag	gtcaacatcg	agaggagaaa	92580
aaggctcctc	agtagctacg	tgaatgagct	tgaaagtggg	tgagcttggg	agcaagcctt	92640
tggagattac	aaccctgcct	gagggccttc	ctgcaacccc	aggggaaatc	cggagccaga	92700
accactcagc	taagctgctc	cctcatgcct	gaccttcaga	atctgtgaga	tggtaaatgt	92760
tcaatgtttt	aagctgctga	gttttggagt	aatttgtttt	agataactag	gacatgctgc	92820
aattcctatt	gtgagtcgag	ttgtactcct	tcatcccaa	tgccctggag	cccctcagtg	92880
tgtgcacaca	ggcttagttg	catgcactct	ctttctctgt	ctgccttctt	cctctgtttc	92940
tctttctctt	tgctctctc	tcacacacac	aatttcaact	ggctgctgac	acgggttggg	93000
tgtttgttcc	ctccaaatct	catggttgaa	tgtgatactc	cccgtgttg	gaagtgtggc	93060
ctcatgggag	tgtttgggt	catggggggg	atccttcctg	aatgactttg	tgccctcccc	93120
ttggtaatga	tcaagttctc	accggttgg	ttcacacgag	agctggctgt	ttcaaagaac	93180
ctggtccctc	tcttgttctt	tctctacca	tgtgatgcgc	ctgccttccc	ttcaccttcc	93240
actatgagtg	gaagcttctt	gcgacctca	cagaagcaga	tgctggtgcc	atgcttctgt	93300
acagcctgca	gaacctagag	ccaaatataa	acctattttc	ttataaaatt	acccactctc	93360
agttattgct	ttttaataat	gcaaacagat	taacacagtt	gcttaattct	tttttttttt	93420
tttttttttt	ttttttttga	gctgggagtc	tcactctgtc	gccagggctg	gattgtagtg	93480
ttgccgtttc	agctcactgc	aacctccacc	tcccgggttc	cagtattctt	cctgcctcag	93540
cctcccgggt	agctgggatt	ataggcatgt	gccaccacat	ctggctaatt	tttgtatttt	93600
tagtagagac	ggggtttcac	catggtggtc	aggctggctt	cgaactccta	acctcaggcg	93660
atctgcccgc	ctcagcctcc	caaagtgcgt	ggattacagg	cgtgagccac	cgcgcccggc	93720
cttaattctt	tattatgttt	atctgttatc	tacattattt	ctcttcccat	acatcttttc	93780
ttctctttta	aatatgttgt	tgtctgggtc	cctgctgcta	atacgttcaa	tagtaaatat	93840
ctcactgtaa	cacttggtat	ggcaacactc	tgagctcagg	aatgatgtaa	cggttaaatg	93900
tatgtgtgga	cttgactgtg	ccatgggggt	cccagacatt	tgggtcaaata	ttttgggtgt	93960
gtctgaggct	gtttttggat	gaaatcaaca	tttgaattgg	tagactgagt	aaagcagatt	94020
gacttctccg	aatgtggatg	ggcctcatcc	tatcattgaa	ggcctgattg	gaacaaaatg	94080
gctgggaaag	agggaaacct	tctctgactg	tcttccagct	gggacattgg	tcttctctct	94140
cctttggacc	caggcttgaa	ctagaatcta	atgccacagt	ttcttctggg	tctccagctt	94200
actaactgca	ggtcttggga	cctcttactt	agcctccata	attgtgagat	atgagaaccc	94260
tgactgtaca	aatgacctaa	taaactttgg	ctagctagggt	gactggaaag	agctgactta	94320
gtaagtaatt	tctgagatgc	cacctgctga	aaagtccttt	atccagcagc	cagtatgaac	94380
ctggtttcag	gtagggtttt	tcagtgaggc	agattctagt	ttctgttccg	aaaacaattg	94440
gttttttagag	agaaatgctg	aaggtgctgt	tgcccttttg	cttctctttg	tctgcttgtt	94500
cataagcagc	agagtacaat	ctgtaaaggg	gagtatgaat	agtgtttctg	tttttgttta	94560
agagtaagaa	attgccagag	aaaataatta	gggcttggat	cagcttattt	aaagcaatca	94620
tcttcacact	aagatattac	tttggtttat	ttcagagctt	gtttctgtgt	gtcactttgc	94680
ccccttctgc	aatttctgcc	ctttgatttt	cagttcttaa	aatttggagg	cgagatttcc	94740
ccagaggatt	atctttctaa	atcaaactct	ctttatcaag	aatctaaatt	taaaattgcg	94800
tgttttgata	aacatgcagg	ttaaatgttt	agaacactac	ttagagaaga	tgctggggcc	94860
catgcctgcc	ttcttagaaa	tcacagaaa	ggaactaggg	ctgccagtat	ttgttgatc	94920
attgggcat	aatagggttg	tcatcttgat	aggctgtttt	caccaaatat	ttgccaagaa	94980
aagagacttt	aagaattaaa	tgtaggcctt	aaacttgctt	tacttctgca	ttcaatagat	95040
atctgtttct	gtttcatatt	aaaaagatgt	tagaccagct	gggcgcgctg	gcttacgcct	95100
gtaatcccag	cactttggga	ggctgaggtg	ggtggatcac	ttgaggtcag	gtgttcaaga	95160
ccagcctggc	caacatggta	aaaccccgct	tctactaaaa	atacaaaaat	tagctggggc	95220
tggtgtcacg	ctcctgtagt	cccagctact	caggaggctg	aggcaggaga	atcacttgaa	95280
cctgggaggc	ggaggttgca	gtgagccgag	atcacaccac	tgactttcag	cctgggtgac	95340
agagcgagac	ttcatctcaa	aaaaaaaaaa	aaaaaaagat	gttagaccac	catccagttt	95400
tgtgaacctc	cctcacctgt	ggtggaaggt	tctttgcaga	tggtaatacc	ctcccatcat	95460
ttgcagcatc	tctagcttgg	ccagatattc	aaaacattgt	gttttttgtt	tgtttgtttg	95520
ttttttcata	aatgccaaaga	atcttagctac	agttggctcag	gcgattgtct	actttgcatt	95580
aataatggca	tttgatatta	taatagggcc	gttatttctt	ttattatgag	cttagccttt	95640
ccattggaac	tgctggaata	ccttgggaga	tattgtgggt	ttgattccag	acagccataa	95700

ttaaagcaaa	tatagcaata	aagcgactca	cacacatttt	ttggtttccc	agtgtatgta	95760
agagttatgt	ttacactata	ctgtagtctt	ttaaattgcac	aataggcatt	atgtctaaaa	95820
aattgtgtat	ataccctcgc	ccccaaaaca	aaacaaaaca	aaacaaaatt	gtgcacttac	95880
ctcagtttaa	aaatacttta	ttgccaaaga	atgctaacgg	tcagtgaagc	ttcagtgagt	95940
cctaattgtt	tttgttgctg	gagggctctg	cctcaatgag	aatggctgct	gactgatcag	96000
ggaggtagct	gctgaagggt	gagctggcgg	tggcaattga	tgggctcttc	ctttcacaaa	96060
aaaatttctc	tgtagcatat	aatgctgttt	gatagcattt	taccacagat	agaacttctt	96120
tcaaaactgg	agtcaaaact	ctcaaaccct	gctgctgctt	tatcaactaa	gtttatgtaa	96180
tattctaaat	tctttgttgt	tatttcaaca	gtgtttacgg	catcttcacc	aggagtagat	96240
ttcatctttg	ctcatctata	agaagcaact	ccttatccct	tcaagtgtta	tcatgagatt	96300
gcagctattc	aatcacatat	ccaggctcca	cttgtaattc	tgtaatagtt	cccttgctat	96360
ttctgccaca	tctgcagtta	tttctccac	tgaagtctta	agcctctcag	agtaatccat	96420
gaaggctgga	atcacctctc	tccaaactcc	tgttatgcta	tgttttaacc	tcctcccatg	96480
aaacatgaac	tttcttaatg	gcatctagaa	tgggtgaatcc	tttcagaag	gtttttaatg	96540
tactttgccc	agacccaccc	gagcaatctc	tggcagattg	gccacagtag	ccttacaaaa	96600
tggatttctt	aaataataag	acttgaaaat	aggaattact	cattgatcca	tggtagtcag	96660
aatgtatggt	gtattagcag	gcatgaaaac	aacattcatc	tccttgtaga	tctccatcgg	96720
agctcttgat	gactagggtg	attgtaaatg	agcagtaata	tttggaaaag	aaatctttat	96780
ctgagcagta	gctctcaaca	gtgggctgaa	aatattcagt	aaaccatatt	ataaacagat	96840
gggctgtcat	ccaggcgttg	ttattccatt	tctagagcac	aggcagagta	gatttattta	96900
gcatcattct	taagggtctt	agaacttttg	aatgataat	gagcattgga	ttcaacttaa	96960
ggctactggc	tacattagct	cctaagaaga	gagtcagcct	gtccattgaa	gcattgaagc	97020
caggcattga	cttctcctct	ctaactttgc	aagttctaga	gggcattttc	ttccaataaa	97080
aggctgtttc	atttacatag	acaatctgtt	gttttagtgta	gctaccgttt	tagtttgttc	97140
ttgcattgct	gtaaagagct	acctgagact	gggtaattta	taaagaaaag	gtttaattgg	97200
ctcacagttt	cacagaccgt	acaggaagta	tggctgggga	ggcctcagga	aacttagaat	97260
catgggtgaa	ggcaaaaggg	aagcagggag	gtcttagatg	ggtggaacag	gaggaagaga	97320
gcaaagtggg	gaggtgttac	acacttttaa	acaatcagat	ctcttgagaa	ctcactattg	97380
tgagaacagc	aaggggagaaa	tctgccccta	tgatctaata	acctcccagc	aggccccctc	97440
tccaacactg	gggattacaa	tttgacatga	gatttggtatg	ggaacacaga	tctaaaccat	97500
atcagctacc	ttcataaatt	atcttagcta	gatcttttgg	atagtttgct	gcagcttccc	97560
tatcagcact	tgctgcttca	ccttatacat	ttatgttatg	gagatggctt	ctttccttaa	97620
tcctcatgaa	ccaacctctg	ctagcttcag	acttcttctg	cagcttccct	acctttctta	97680
gccttcatag	aattgaagag	aggtaggacc	ttgccctgga	ttaggctttg	gcttgagggg	97740
gtgttgagct	ggtttgaact	tctatccaga	gcattcaaac	tttgtccata	tcagcaataa	97800
ggctgttttt	gccctcttat	cattcatgtg	ttcactggag	tagcacttgt	aatttcgaag	97860
cttcaagaac	tttttctttg	cattcaaaac	ctggcagggtg	caggcgggtc	ggtttttggc	97920
ctacagagac	tattgacatg	cctttctcgc	taagcttaat	catttctagc	ttttgattta	97980
aagtgaagaa	tgtgtacttc	ttcctgtcat	ttgaacacct	agaggccatc	gtagggacat	98040
taattggcct	aatttccata	ttgttgtgtc	tcatcaaata	gggaggcctg	aggagaggga	98100
gagagatgag	agaatggcca	gtttgtggaa	cagtcagagc	acaaacattt	atcgattgag	98160
tttgccatcc	tgtatgggtg	tcgtttgtgg	catcccaaaa	caattacaat	agtaacatca	98220
aaggctactg	atcacagatg	accataacag	atataataat	aatgaaaaag	tttgaataaa	98280
tgagagaatt	agcaaaatgt	gatgcagaga	cacaaagtga	gcatgtgctg	ctggaataat	98340
ggcactaata	gatagaactt	ctggacacag	tgttgccata	aaccttcagt	ttgtaaaaaa	98400
catactgtga	agtgaatga	agtggagtgc	agtaaaacag	gagtatgcct	gtacatgtaa	98460
acatgctttc	tttgggtgcta	cttcagatac	ttaggaagcc	ttgaccatag	tccaagcaga	98520
tgagtttttg	tgcttgagta	ttttacccca	ggcagactag	gagaagtttg	tgtgtgtgtg	98580
tgtgtgtgtg	tgtgtttgtg	tgtgtgtgtt	tgatagtctt	tatttatatt	gagacaagtt	98640
cttgctcttg	tcactcaggc	tggagtacat	tggcaccaatc	atggctcact	gcagccttga	98700
ccacctgggc	ttaaacaatc	ctcccacttc	aaacctcttca	gcagggtggga	ctgcagggtgc	98760
acaccaccat	gcccactaa	tttttgtatt	tttcatagag	acgggttttt	gtcatgttac	98820
ccaggctggc	ccgaatttcc	tgagctcaag	caatatgcct	gctttggcct	cccaaagtgt	98880
tgggcttggg	ggcgtgagcc	actgtgctg	gccgatagta	tgtatgtatg	tatgtatgta	98940
gagatggagt	ctcactctgt	tgccaggtcg	gagtgcagtg	tcgcgatctc	agctcactga	99000
aacctccgcc	tcctgggttc	aagcgattct	cctgcctcag	cctcctgagt	agctgggacc	99060
acgggctcat	gccgctacac	tcagctaatt	tttgtatttt	tagtggagac	agacggagtt	99120
tcaccatggt	ggccaggatg	gtctcgatct	tttgacctca	tgatcctccc	accttggcct	99180
cccaagtgtc	tggattacag	gcatgagcca	ccgcacccgg	cctagtcttt	gtattttagg	99240
gcagtttttg	gtttacagaa	aattgaacaa	gtagtgacga	gttccttcac	gccccagttt	99300
tcccttatta	ttaacacctt	aaattcatat	ggtacatttg	ttacatttgg	ttaatgctga	99360

gacattatta	ttaactaaag	tctgtagttt	ttattagtg	tgtccagttc	aatggatttt	99420
gacagatgca	taatatgtag	ccaccattgc	agtatcatac	agaatacttt	cactgcccta	99480
aaaatcacca	gcacccaac	ctagtcattc	ctgcttgcc	ccccctcagc	ccttggtaac	99540
cattgatctt	tttactgtct	ccataatttt	gtcttttcca	gaatgtcaca	tagttgagat	99600
cttacagtat	tttggctttt	cagattggct	tttgtcaata	atatgcattt	aaagtttctt	99660
tgtgtttttt	cacagcttgc	tagttcattt	cttttttagtg	ctgaataata	ttccactgtc	99720
tggatgtacc	acagtttatt	atccattcac	ctactgaatg	acatcttggt	ggtttcttgt	99780
ttttgggtgat	catgaataaa	gccactatga	ccattcacta	cagggttttg	tgtggtcata	99840
agttttcagc	tcatttgggt	aaatacctgg	gagtgcaatt	gaaggatctg	tgatataattc	99900
ttgggtcccag	catctctcct	cctgctgaca	attacccctc	ttattgtgac	aacctaacca	99960
ggcctgcctc	ttcccagggt	tctcttctt	cacttagagc	atcttctgaa	caagtctgga	100020
cacaaagggtc	ttgcttatat	tttcaggaaa	gagtatttaa	aatacttctt	aatcatgggt	100080
ccaacttatt	tcaactctta	taattaagtg	atcatttttt	ttttaaatta	tggtagaata	100140
tgtgtatata	agatataatt	tgtgatttta	accatttttt	agtatacagt	tcagttgtat	100200
tcacatcat	catcatcattg	tgtaacctac	accactatct	gtttccaaaa	ctcttacctg	100260
gggatatgat	catttttaaaa	gaggaatttg	aagaaatata	tctgaagcta	tatttggcaa	100320
tatgtttcca	tcagtaactc	ccaaaatctc	agtggctatt	ggcaacaatc	tttatgtctc	100380
cctcatgtta	tatatataata	catatatata	tatatatata	tatatatata	tatatatata	100440
tatatatata	tataataaat	tttcttttgt	ctagaactta	gtcacatggc	cacatctaac	100500
tgcaaaggag	cctgggagggt	gtagtctagc	tacctgcgta	agaataagaa	caaattgggt	100560
tggcgatttg	ttagcattcc	tggccatatt	aagtaagatt	attaaatcat	acacatttgt	100620
aacttgatct	ttcagagatg	acatgacagt	aattgtatgg	tttcatagat	ctggctgtgt	100680
ttcaggagag	catttttcca	tcccatgctc	tctttccatc	taaacgttaa	ttatcttatc	100740
cttttaacac	tgagagagct	tcttgggaata	aataaaatta	tatgcctatt	ttgataaata	100800
cctgtttgat	agcgatgttt	tataaaactc	tgagaaaagt	caacaaggag	ccttcacagt	100860
gattaataca	gcagttatta	tggtcagatg	ttaaaaaaa	tctcatgtct	tcagtccttg	100920
gccccaaaggc	aaagaaagtt	ttgaagcttt	ccacacactg	atttgggttc	aagataattgg	100980
gctactattg	agtttacatg	tagcattgggt	cttctgctat	tgtctttata	aaggaaagta	101040
tgtgaaattt	ggaattggaa	atgtcatttc	ttaaccagag	tagcagggtc	agatggtgaa	101100
gctatcactt	ttggcacagg	actcttggtt	cttaataaaa	tttaatgaaa	aattgacaag	101160
atttgtgcag	tgatatattt	ttttaatggt	tgacccactg	aatgcatcta	attagcttat	101220
tacagtttaa	aagcaagttt	aactgcctaa	atgtatgact	tggatatttg	atcttggttg	101280
ttaggtctca	gcttgctgat	gatagaagtt	tgtgggtcaa	tattaatttt	aaataagtg	101340
ctactgttct	ctagaaactc	ccattccctt	aaggaaaagt	gtttcatatg	agcctctcat	101400
tgccaggaat	agctgtgtaa	gcattgtgga	agtttttttc	acattaaaat	gtagtccacc	101460
agttcattta	ttccttttag	ggttgtgaca	gtcgtttgtg	tttatgcacc	cctgtagagc	101520
tgtctttaaa	ctcattcagc	aaattggaaa	catttagctt	ggatgacacc	tctttaatct	101580
tccagtaatc	tcaccataga	gaccactgta	ctctcaaata	cattgttaat	acttttagta	101640
agaatggcct	gctttcattc	tcttattact	gagccattat	tctggactct	gtttattatt	101700
attattatta	ttccagagtc	gaaataatta	tcccgttgaa	aagaccaagc	atgtgcacac	101760
cctgttgtga	cacagccgggt	tttgtcctat	ctgaacttgc	ctgctttgtg	aactgttagg	101820
gtctcagaaa	aacaaaaaac	aaaatctttt	atttttaaca	tttaattttt	tatagttttt	101880
atatctttta	attgagacaa	aatatatgta	tataattttac	catctgtacc	atttgaaatg	101940
tacacttctt	tggaataaaa	tatatctttt	attccccctt	ccacctttat	tccatccttt	102000
attcctaccc	ccacccctgc	tcaactcctc	ctcttcccag	cctctggcag	taatttaaag	102060
tgtgagtgac	aatctcacct	cttataatta	tgtgatcttt	tttttttttt	aaatttgtgt	102120
agaatgtgta	taacacggaa	tttgtgattt	tactctctct	tcacgagatc	tacagttttt	102180
agctccactt	gagtggagaac	gtgtgacagt	tgtatttctg	ttcctagctt	atttcactta	102240
acataatgac	ctctagttcc	acccatgttg	ctgcaaatga	caagattcat	ttttttatgg	102300
ccaagtagta	ataaattgtg	tatatatacc	acaattttct	ttattcaact	attaatgaat	102360
ataggttgat	tccatatcat	tgctattgtg	aatagtgtct	caataaacgc	gcacgtgcaa	102420
atatccttga	catctgattt	ctttacattt	gggcaaatat	ccagtagtag	gattgctgga	102480
tctatttaata	tgtaattctt	gtttttaatt	gtttttgagaa	atctccatac	tgtttttcac	102540
agtggctgtg	ctgggaagat	gtgtcagtgg	gtggggggag	gataaaacga	ggttagttaa	102600
tggttacaaa	cataccttag	aaggaataag	ttctaattgt	cgatagcagt	gtaggatgac	102660
catagttaac	aacaatgtat	tgtagatttc	aaaatagcta	gaaaagagga	cttggaataa	102720
tgccaacaca	cagaaatgac	gaatactcga	ggtgatagat	gccccaaacc	cctaatttga	102780
tcattacaca	gtgtaagcat	gtgatagagt	atcatatttg	tgcccccata	tacatgtaca	102840
catatttgta	tcaataagaa	atatatacaa	aaagccaaac	cttttttagct	ataaaatctg	102900
tctcttatgt	tcaaatgtat	atagttagaa	agtgtctggag	tcctgtaaca	tcagtattca	102960
gagtttactc	aagctttcat	cctcaggcaa	acttagcagc	tgttatctaa	agccagactt	103020

gcagcatcag	aaatcacctg	gagcttgtcc	agaaagcaag	agtcttgggc	tccaccccag	103080
actttctaac	tcagaatctg	tagttccaca	ggctcccctg	gtggctctgg	tatgtaataa	103140
agttatttga	gaagcactgg	ctggagatct	tttacctgag	cctgtaatca	tggaatcacc	103200
catcagtatg	tggagtgacc	ataacatttc	aactcaaact	ctatttctaa	aatgaaaaaa	103260
tctgtctatt	gtatctaatt	aagtatatga	caaatatcaa	gctctctttc	cactattttc	103320
tgggtgttct	atgatctgac	aatgacagtg	gcaggacat	gtactgagat	gaccgaagtg	103380
aaaatagtaa	tgctcttttg	tgtatttttt	tttttttttt	ttgagatgga	gtctctgtcg	103440
cccaggctgg	agcgcagtgg	cgcgactctg	gctcactgca	agctccgcct	cttgggttca	103500
ggcatttctc	ctgcctcagc	ctcccaagta	gctgggacta	caggtgcccg	ccaccacgcc	103560
cagctaattt	ttttgtaatt	ttagtagaga	cggggtttca	ccgtgttagc	caagatggtc	103620
ttgatctcct	gaccttgtga	tgcccgcctc	agcctcccaa	agtgtctgga	ttacagggtg	103680
gagccactgc	gcccagcctc	ttttgtgat	tttagaatcc	agtctgtgac	tccttgtgat	103740
agagaattca	ggcattcttg	agacttctca	acagattctg	actttcccag	gtacaggctt	103800
atccagacga	catgttttga	gataggttga	gagagggaat	gacatcttat	gcttattata	103860
tgtcactctt	gctcttcagt	atltgaagga	aacactgtgt	gaagaacaaa	aaccttctgt	103920
cctggctgct	gacattaact	caatttttagt	tatttttgaga	gggcagaaga	atattctaag	103980
tagactgtta	ggggttccta	acaagtgaga	atttctttgc	aagtcagtgg	gccaaataaa	104040
cgattttctt	aaaaatacaa	atccatttta	tcacttaaga	gtatttacat	ttagttccaa	104100
ataatttgca	tatgcctgct	aggttatgcc	tttttattct	agagaagagg	ctccaaagag	104160
gatagttttt	ttttttttct	ttcttataat	actgtgctat	aatagtcttt	tttcccccat	104220
tgggatggaa	aataaaggag	aaaagaagtg	gcattcccat	agggaaatatt	tcctaagttt	104280
ctaattgcaaa	gtttctaata	tgaaaactgc	cacataattt	taaaagaatg	ccaacatgat	104340
ttaatctagt	ttcattcagt	ttaggaactg	aaatgcccct	gggtgagggg	cagcatccct	104400
gaaccttcct	tggcccctgg	tctgccccgc	ccctcccat	ccccactgtg	cttctctctc	104460
tgcattgtct	tctttgtctc	taaacacaca	catttgaaaa	ctttatttat	ttgtttttta	104520
aagaggtggc	accatcgtag	ctcactctag	ccttgaactc	ctgggctgaa	gtgatccctt	104580
ctgacccagc	ctcctgagta	actggaacta	cagggtgtgca	ccactgtgcc	tggctaattt	104640
ttatttttta	ttttttttgt	agagccaggg	cctcgctttg	ttgcccattg	tggccttgaa	104700
ctccaggcct	caagctatcc	tctgctctca	gcctcccaga	gttctgggat	tatagggtgtg	104760
aaccaccatg	cctggcctaa	aatacttttt	aaaacttctt	ttcattcgct	tcttcccttt	104820
cctttccctc	actgcctacc	acttctgctt	atctgacatc	taccatcact	ctcactaaaa	104880
cttcagtgcg	agatcaccag	accccaagtc	ctgtggcttc	ttcttgcgct	tcttttagcat	104940
ttgatcttat	ccagttttct	tcttcccttg	attcctgtga	cattgggtcac	tcaagggtttt	105000
cttccagatg	ttttgtctct	tgagagcaat	ggaattggaa	tcctaagttt	taccactttc	105060
tagctctgtg	cctagggcaa	gacacttaac	tttgatgtgt	ctcagttttg	ttgtaagata	105120
agggttaggg	aaaaacttacc	ccataaaaatt	gatgcaagtg	catagaagaa	tgtctggcac	105180
atagtaaggg	ttccttaagg	ataagtcata	attattgtca	tcattaaagg	tcattgcttg	105240
cccttttttag	gctctttggc	ctgcatgctg	attgtagggtg	ttcactaatt	tttccactcc	105300
ttttcatagg	gcctctcttc	tcttcaaatt	tttttttgac	gatctctggg	tttcccacat	105360
tttatatctt	agccctaacc	tttttccctg	aggatagaag	tttaatttct	aacctcaggc	105420
tggccattta	ctccagaagt	cttgtgagct	ctattaacca	aatctgccaa	aatgcagctc	105480
atttctttat	cacctaaagt	ctcttctctc	tgttcttcag	tcctgcctct	cttttgccac	105540
catcttctatt	aatgcggtca	ctgtccttta	caactcctgc	tggggatca	cacgttggct	105600
tctcattgcc	cgtcacccaa	gtcctccagt	tgactctccag	catctgttga	ttgtctgttc	105660
atggtgtcat	gcagtgtgtc	tttgctttgc	tggtcccgcct	tctgttccat	gcagggcaca	105720
tgccttttgt	attagttggg	ttgggcccga	ataacaatac	catagaatag	gtggtttgaa	105780
caatggaaat	ttatattctc	acgattctgg	aggctgaaag	tccaagatca	agggtgctgg	105840
ggcagggttag	ataggtttct	ggcatgggct	tgttctctgg	ttgacagaga	gctgccaggc	105900
gcagtgggtc	acgcctgtaa	tcccagcact	ttgggaggcc	gaggcgggcg	gatcacgagg	105960
tcaggagatc	gagaccatcc	tggctaagtc	agtgaacccc	cgtctctact	aaaaatacaa	106020
aaaattagct	atgtcctccc	tggccttttt	tctgtgaaaa	aggccttttg	cgtgagcatc	106080
cctagtgtct	cttcttacta	ggacagcagt	cctattggat	tagggcctca	ccctatgacc	106140
ctgttttaac	ttaattacct	cctaagagacc	ccatctccaa	atacagccat	attgggagtt	106200
agggcttcaa	ccatgaagc	tggggagaca	caattcagtc	cagaacacccc	ttggcgctgt	106260
tgtctgggtg	ctgtcctgac	ttccctctcc	cctcggcagt	ccagcttcag	acaggggtga	106320
gaatgatctt	tctgacacgt	ggctttggcc	tcccatctct	aattactcga	cttggctccc	106380
cacggcctag	atgcagtgag	aggaaaatga	ccactgtagg	gtggcttcc	tcatttctca	106440
gttccttatg	ctcactcctc	tggaaattgg	agataacatg	actaacctcg	tgttattgag	106500
ggattaaata	aattctaatg	agaattgtt	gctttaatct	gacgaaaacc	aaatttctac	106560
tctccagcct	ccattcgagt	tcttccatca	ccttggtact	ccaagtgtga	tcccatgtgg	106620
ttccagggcc	agcagcctcc	catcaccagg	atgcagactc	tgcacacag	caagatcccc	106680

agggccatta	gatgtgaggg	actggccttat	ccttactgcc	cggctctagg	ctacagccac	106740
aggatggaga	ggacagggac	ttggaggcac	gtaccaggct	tcaaactgcg	gctcctttac	106800
ttgctagctc	tatgccccaa	gacaggttta	caggaactgt	ccttgtcttg	tttccctct	106860
gaaaaatagg	gagaggcaga	ggtttacctc	acagaggttt	tgaggattag	ctgagaaatt	106920
ttgtaaataa	gagagcatct	acccttgtga	ttttaaatg	aatttcatac	ttaaaatcaa	106980
gtacttttta	tttggagtca	aggtttgttt	attgtggcac	agtgtcgggg	aatgaagagg	107040
tgtggggtgt	gggtgttca	ttaacctctc	agcctctctg	ccctctcacc	ctgtgcaaca	107100
gggtccccac	tgtctccct	ctgggaagat	gtgaccagca	tgggatatga	tggggagact	107160
tcttttctgt	agaaggtaaa	ccaactgctg	cttcggtgga	aggtggagag	agcccttcca	107220
gctctcagaa	ggggcctgga	gccggtatgt	gcctgtgtgt	ctgtggctgg	agcccagtc	107280
cattaggccc	tgcccccg	attgctgtga	gaggtggttg	ccacacactt	tctccacagc	107340
gccctcaggg	ctgctgaatc	taaggcagag	gagttcttgt	tttttgtttg	tttgtttttt	107400
agcccttttc	aaatttacag	aaggattgca	agaataagaa	tagtgtaaat	acctgctcct	107460
gtgttacttt	gctgaagata	atggcttcca	gctccatcca	tgtccctgca	aaggacatgc	107520
tcttgttcct	ttttatgact	gcatagtatt	ccatggtgta	tatgtgccaa	caacacaggt	107580
gtgggggagg	gagagcataa	ggaagaatag	ctaataaatg	ctgggcttaa	gacctaggtg	107640
ataggttgat	ttgtgcagca	aaccactatg	gcacacactt	acttatgtta	caagcctgca	107700
catcctgcac	atgtaccctg	gaacttaaaa	gttgatgggg	ggaaaaaaa	aggacacctg	107760
cattctctac	tcagggtcac	tgttaacggt	tagccccatc	cggttgacca	gtctctctgt	107820
gtgtggatgt	ctgtacacat	gcatactctt	attttctgag	caatttgaga	ggaagttgca	107880
tatatcatgg	cgtctgcccc	taaatacttc	agtatatatt	gccattgcct	aagaaaggca	107940
atattctcac	cacagttgtc	aacgtcagta	aatttgattt	tttttttttt	tttttttttt	108000
tttttttttg	ttgagacagc	gtctcactct	tgttgccag	gctgggatgc	agtggcacga	108060
tctcagctca	ctgcaatctc	cgcttcccgg	gttcaagcaa	ttcttgtgcc	tcagtcttct	108120
gagtaactgg	gactgcaggc	acgtgcccc	ccaaccagct	aatttttgta	tttttagtag	108180
agacggggat	tcaccatatt	ggccaggctg	gtctcgaact	cttgatgtca	ggtgatctgc	108240
ctgccttggt	ctcccaaggt	gccaggatta	caggtgtgag	ccaccaagcc	cagccagtaa	108300
atttgaaatt	gatacaagac	ttttatctaa	tctgaggtca	tattccagtt	ttttcaatgg	108360
acctagtaat	gccagtctcc	tttaatgtgg	attttcacag	tctttgtcct	ttatgacatc	108420
gatgtttttg	aagaatgcag	cccctcctct	tttaaaaact	agaaccttcc	ggtcaggctc	108480
ggtggctcac	acctgtaatc	ccagcacctt	gggggaccga	ggcgggtgga	tcacgaggtc	108540
aggagatcga	gaccatccta	gccaatatgg	tgaaactccg	tctctactaa	aaatacaaaa	108600
attagctggg	cgtgggtggg	tgcgcttgta	gtcccagcta	ctcaggagac	tgaggttagg	108660
agaatcactt	aaaccgggga	ggcggagggt	gtggtgagtc	aagatcacga	cactgcactc	108720
cagcctggga	acagagtgag	agtcgctctc	aaaaaaaaaa	aaaaaaaaaa	taaaaaaaaa	108780
aaaaagcaaa	aaaaccggaa	gcaacaacaa	aaccccaaca	aaaacttggt	ttggatttgt	108840
ctgatgtttc	ctcatgatcc	gattcagggt	ctgcattcca	agcctgaaca	ctatgtaggt	108900
attcagagcg	gtccatctgc	ctctcactgg	ggtatggcca	tctctatcct	tcagttaggg	108960
tggggctttt	ctccattata	ctgttactac	acttgatctc	agccaaaagg	ccaagaagtg	109020
atctccactc	aatgtttttc	cttctggcag	ctagttaatc	tgtggagagg	cacttttaac	109080
atcattttaa	tatcatcttc	ttcctcaaaa	tttctcccga	gcttttagcat	ccagcgatga	109140
tttttgtctg	aatctttaca	aagatgggtc	gggtggcatt	cttctgtagt	tcttccttct	109200
ctctatttat	tactttcttg	gactcttgga	ttcctgtttt	tttcagtggg	ttataatccc	109260
tgactgtccc	taattttttt	ggcggcctga	ttgtcccata	ttggctagtt	ggagcccctt	109320
ccagccagct	gctgtatcac	catgacacgt	ctgcattccc	caagtatctg	cggcctgcct	109380
ctcctgggtg	acagccacat	tgtctccctt	tgacgtgccc	tccaagtaaa	tattgtgttt	109440
catagctttt	aaatcagact	gtcctttata	tgtctttcaa	gtttgtggag	aatttacact	109500
gacatatttg	agtgatgagt	taacaggcag	acagaaactt	aattttcttt	atagtcattt	109560
gtacctacta	ccatttccgt	ttgcaatgac	atgagtcgtc	tccggttatt	accctgcagt	109620
acatacgcac	tttactggct	gcacctagt	gacttctgaa	ctgcccttgg	gctccctctg	109680
ctggcatagt	ggtgcgtgag	cacttttctg	gggtcatgga	atggatttct	ctttctgccc	109740
attttctttc	ttttggtttg	tggttttctc	tctcataaat	tattacacaa	acatggacca	109800
tacaactcaa	ccttctttca	aacctgattt	gtttgtcta	tgtatcagta	cctttccata	109860
taaaattcat	aaataatttt	atataattat	gtcagtggtt	ccataatttt	ctattacctg	109920
aatgttcttt	ttagcattta	aataatccat	ttttagtagg	catttgtatt	gcttttttcc	109980
atttcaggta	gcatctaaag	tgaatgtccc	ttgcatgtat	actattcata	tgtgacttaa	110040
taagtagagc	ttgctaaatg	ggtaggaact	tacaggaaaa	ggggaaactc	tagtttgaga	110100
aaattgtctg	ggctaagttt	aggatgtgtt	caacaaacag	gaaagtcaag	tttggctaaa	110160
gcatggttga	gtaatatgtg	gaaatatggt	cagaaagtag	gtatgttagg	actctttcta	110220
ctgaaatgat	gaaattcaac	tccagccaca	agtgaggcag	aacaaaattg	tgtttgttta	110280
ataactggga	agcccagggt	agctggaggc	aggggcttag	atgctgctgc	gccatccctt	110340

acctgtctgt	ttctgtttct	ccttctgtcc	cttcccagtc	tcagcactga	gtctcttgcc	110400
cattggcctg	gtgaggaag	gagctgccag	ccccacccaa	cagctcaggt	tacagagaga	110460
gtcactttct	tccattactc	acagagtaaa	catcaaggaa	ggccactgat	tgattgacag	110520
tgtctgggtc	agatgtctat	ccttaggccca	gtccctgtga	acaaggggat	ggggtgtctg	110580
cgtggaccag	atctgaagca	caggcccatg	cctggggcca	gggggtggga	actatggacc	110640
tctctcccca	ctgagaaccc	cagggagcag	gtgaggtgaa	attcctctag	gggaagaggg	110700
gcaaaattga	caagatagca	gatgtctacc	atactgctgt	ggggcctggt	ccctcccaga	110760
aggaaaaaca	tagtaacaat	agagtgggtc	tcaccctcca	cctgggtctc	aagtaggggtg	110820
tgatggagga	caatggaaat	gaaggaaagg	ttagaaggcc	tgtggtaccg	gttggtagat	110880
agctcttcgt	gctttctcca	tatggagtga	gagtgtctgg	atgtgattcc	ttcaaagtca	110940
gggtctaggag	actcaggatg	cctaactctag	aggtaagaac	attgtgagga	aagccagtga	111000
attcagtctt	gtgcatgctg	actttgaagt	acttttgga	gagccaagtg	gaattatcca	111060
caggacagga	ccaaatctta	cctggttctt	ccccaggccg	actagtcac	aacaggaaat	111120
aaaaagagtt	gccccgatac	caaggtgtac	tagtccattc	tcacactgct	atggggaaat	111180
acctgagact	gggtaattta	taaagggaaa	aggtttaatt	gactcacagt	tctagatggc	111240
tggggagggt	tcaggaaact	tacaatcatg	gcagaaggca	ccacttcaca	gggtggcggg	111300
agagagaatg	agtggccagc	gaaggagaa	gctccttata	aaaccatctg	ttctccttat	111360
aaagatctct	taataaaacc	gtcagagaac	tatctcattc	actatcagga	gaagagcatg	111420
ggggaaccgc	cccatgatt	cagtttactc	cacctgggtc	cgcccttgac	atgtgggtgt	111480
tattacaatt	taaggtgaga	tttgggtggg	gacacagagc	caaaccatat	cacaaggctt	111540
tctcctcctt	gctgggattg	tacccatagc	ctctttctga	gtcctctctc	ttttagcctc	111600
tttatgcctg	cagtgcattc	ttataccatt	tctagagtca	tctttataaa	acttatactc	111660
tccgtatgac	tcataaatcc	tggttttttt	tttgcacagt	atattaagta	taaaatttgt	111720
taaagtcttt	aatggtctgc	ccccaaagcta	catttccatt	ttgtatgtct	ttcagttcct	111780
ttctactttg	tatttggtcg	ttgagttaac	tgaatttttg	ccattccatt	aacccatccc	111840
atgcttttcc	cacttctaga	tttcactttt	cctgtaggct	agaatgtctt	gactgggatc	111900
tgactggaga	taagtgaaac	aaaaactggt	tcaaagagcc	aggatgttgc	ataaaaagtc	111960
taagattgta	tctaagcagg	taaaataaaa	attttaggca	attacttaaa	tttgaaatgc	112020
tcacatttat	taataaggca	tgtaacatct	acatgagcca	tcatttgctt	ttttaattcc	112080
acattgatta	ggagccaaac	cttcagggca	ggtatccggt	agagcgccct	ggagaggccc	112140
tggataggca	caggcgctcg	tcagggggct	cttcacatgc	tgtgtgctgc	tgctgggaga	112200
agagggggcc	agagactagg	gggcttctaa	gaagaggtgg	catttctgcc	tcagtgttga	112260
aggatgaata	actttgacag	gctggaaaaa	ggtgacattt	caggtagagc	gtgtcacatg	112320
gatgtaata	ccaaagggtca	aggacatggg	cctgagagat	ggtgagaagg	atggaggtga	112380
ctgtggcttg	cattctatcc	gtatcactat	taattacctt	ctaattgcctt	tggctctagg	112440
tgggtgaaca	agtaaaagta	tggacaaata	cttttcttac	caataatttag	tgaccaaagc	112500
cagagttatg	gagagggccca	gggacctcat	gaaccatact	ctttctagtc	tagggacata	112560
actccaatgc	ctttcctgtc	ccagtaagag	gccatggatt	tcaagaagcc	agacaatcca	112620
ttcttttcaga	taatgataaa	aaagaaacca	tttattttat	ttctaagtat	agaatgaaac	112680
atttatagtt	gccccaaattt	tggtaccttt	taggagaaaa	atacagattt	ttttgttgtt	112740
aaaaataaac	ttaaaaaaa	aaaaaaaaaga	cttaccatag	tccgggcacg	gtggctcaca	112800
cctgtaatcc	gagaactttg	ggaggccgag	gcaggcggat	cacctgaggt	caggagtttg	112860
agaccagcct	ggccaacatg	gcgaaacccc	atctctacta	aaaatacaaa	aattagccgg	112920
gcatagtggg	tggtgggtgc	ctgtaatccc	agctacttgg	gaggctgagg	caggagaatc	112980
acttgaaccc	agaagggtgga	gggtgcagtg	agctgagatt	gtgccattgt	actccagcct	113040
ggtcacaaga	gcgaagctct	gtatcgaaaa	caaaaacaaa	aaagacctac	tgtaaataga	113100
gtacaacatg	agactaacia	aaataacaaa	taaaatcatc	cagcatatat	tctgtattta	113160
aaaaaaaaaa	atcacaaagt	gaatacacag	catcttggtg	catatgtatt	ttatacacta	113220
gacacatgct	gatgttttta	atgcttaaaa	tatattaggt	ttcatacttg	cttccaatcc	113280
aaggagagta	tatctgagct	cttttttttt	agatttgaaa	accgcctttt	agattagatt	113340
agaacactgc	cttttttttt	gttatgcagt	aacagatcat	tgcccacctg	aaagcgagtc	113400
gcctttattt	ttacctcctt	agtagaacca	gcaggagctg	caattgctgt	tgcttgagcc	113460
aaggccacag	tcagcataga	aaggttctgc	taagagactg	tgtaaaggga	aataaatttg	113520
gtgacttagt	ttgtttttac	aagctagctg	tggcccagtc	cttctgcagg	gtgggtacgc	113580
aggtttattg	cagctctgca	gagccatggc	cttagacaaa	caaagaagggt	gtgggaatac	113640
ccgggagctt	tccattcaaa	gtagattctt	ctcctttgag	tgcatgtaac	tgaagcacca	113700
gcttttctaaa	aaaaaaaaaa	aaaaaaaaaa	gagagagaaa	agaaaagtca	gtctgaagtt	113760
tttgtgacac	tcagccagac	tccacattag	ataaagtaat	catggaaata	cagctttatt	113820
tttatacca	gttgtgctta	gaaagctgat	tgctaaacca	ggaagcttgg	ctttcagaat	113880
tttactgtaa	tccagggtgg	aaaaaaagta	tcaactcagat	ggcatttgtg	ggagattact	113940
gactggtaat	ccctccttgt	cctagaagat	taagtctgcc	ctggtgtagt	catggtcagc	114000

tgattttttt	atatttttat	tttaaataaa	ttgtagtttc	ttgttgtaag	tcagccagt	114060
tctgatgttt	gcctgaactg	tttgtacctc	tgggccatat	tgcagaaccc	tgcccttctt	114120
tgttgactga	ggaaagctcg	ctccctgccc	agggttttca	ttgttgatcg	aaattaacac	114180
cagggtggtga	atagagcccc	tcctaaggtt	gctcaggata	aatcatttat	taaataggte	114240
tgcttatcag	gaggggctg	aaggctccca	aaaggaaatg	ctggcacctg	ggcccagaag	114300
ccagggcctc	taactcctgg	ggttgatttc	ttcagtgaag	ttgcacccta	caaaggggaat	114360
atggccaaag	cggcactcaa	ctgaaggctg	atatcaggcg	attagacagc	catgcattct	114420
gcgtttgtct	ggaatggatt	gtagagagat	ggacttatat	gaggactacc	agtccccgtt	114480
tgattttgat	gcaggagtga	acaaaagcta	tctctacttg	tctcctagt	gaaattcatc	114540
tccaccgga	tcacctactc	ttcagaaatt	tggtaactac	taattttgta	aagttaagtt	114600
tgcttggaat	aaaacctaga	cataacttgg	ggtttgctg	gctttaaaat	tgtagtgta	114660
aagatgtacc	agggtgggtg	tgggttgtaa	ctagctaata	agctattcta	gattcaaagt	114720
acagagatag	atggctcatt	aaatatattg	aatatgtgta	tacttagaag	ttagatttta	114780
aagttagtac	tatttatgcg	atcactagac	tctccattg	atagatattc	caagctcact	114840
ttgagtttgt	tgagctggta	aataacaaaa	aaggaggaat	ctgaagtcc	tggtttctag	114900
ttgcttaggt	aatttacgac	aactttcccg	atttttctct	ttagtaaaat	gatggttaag	114960
cactgactca	gttcaaggct	ttgctaata	ctgtcctggg	ttttgttatg	gaatattgag	115020
agcaacttac	agaaattgct	aggcaagaga	tttttttttt	tttaaagaaa	aactagaatt	115080
tgctgtacct	ttagaagcag	ttattccttc	atacttacca	gtatgagatt	gctttgaagg	115140
ccaggagcac	catcaggggg	gcccttcctt	tattggcaca	aggcagcaga	aagccagaag	115200
cagcttagcc	atcctcccgg	ctgggtccct	catctcatag	ccaatgctgg	gaactgggta	115260
aatgaccttc	tctgtaattt	gccaaataag	caatcagggt	tttcagaaag	ttaatttttt	115320
ccttattaat	gaagaacagg	tcacattttg	ttcattttta	gctgaaaaaa	tgggtaacct	115380
agaaaaaac	atggtaaagg	tgacagcatg	aaacttagtt	ttaagtattt	taggtttgtg	115440
tatttgccga	cagtagggat	gtgtgaagca	gcattcctct	cttggttgca	cctggtagcc	115500
atctttcccc	aaaagtggct	gggatttcca	ggaacaggaa	aatgttgaat	ataacagaga	115560
aggggtagag	ctggtctgta	gaagtgggg	gcaggaggca	gcagcttgat	gtctgctggg	115620
ggattctgat	tgccaggaaa	ctttctccag	tgctgacctt	gccttgccca	agtggccccc	115680
ctcagacctc	tgtaataaag	gggcctgggc	tcccccttg	cccagccccc	ttctaactta	115740
taaattttat	gtataattta	atagggggca	cacagaatgg	ggaagctaga	gcttgataat	115800
ggactgaaac	tcaagtgaat	tgccggggag	ggagggaacc	tttgagaagc	tggggctgtg	115860
gttttgtagc	ttcagggtga	ccttgatcgg	tgtgcaagca	tccagattcc	caggaagatt	115920
gacactgctt	gcttctttta	gttcccttct	acccttcttg	tctcttggtt	tcacctcctt	115980
tcattttcca	agttatggct	atggctgcct	tgggatgttt	tctgtcaaaa	ccagggcagt	116040
tgtaggggtg	ggtgtacctc	taggcagatt	ctgaaagatt	atcttcacaa	ttcctgttag	116100
ctgttcgaag	gaacctgggg	ttgtgagatt	taaaaaatta	ttaaaaagca	aatgaataac	116160
agtaatgaaa	aacaaactca	tgtagctagg	tttagtagtt	tgcattaatt	gaaagaaaag	116220
agggtgaaca	agcattaaaa	caagcagaaa	ccaccctcag	cagtcactct	taagaacaca	116280
gtgattttta	aatggccaaa	taaaagtggg	ggcctggaag	agtgattact	catctctgtg	116340
cccatgaccc	ctcaggggcat	aagaagtctg	cacacctgtc	tgaacatcaa	acatgggttg	116400
tcgatggaat	gaataatgtg	tctccctgtg	gtttgcactc	tttgattttc	tacgtagaag	116460
cttttaggac	caatacatta	tgaatccatt	aaaagttcct	gtggcttttg	gccactatgt	116520
attttcttaa	tcaccagaca	agtaatacag	acaagaagga	ctgatataaa	aagggaatcct	116580
accagagag	gttgggaata	ctgatttgaa	aagagtgaag	aatatctctg	atatttatcc	116640
aaaatgccat	catggggcaa	acgggaaagt	aatgagattt	tatctatggg	caggatgttc	116700
ctaagaagta	attaaagcga	aggtaggat	gaggacagt	gctgaaacaa	aatgaagcct	116760
tttattaggg	agttttaaac	tcctttgaca	caaccaaccc	atattcagaa	atgccttata	116820
cctccttacc	tgcaatcctc	acaaatataa	gaatctatca	ataactgaag	caaaatttta	116880
tgaaccagaa	cttctcctta	ctatatgtga	tgtactctga	cattttatac	tatttgatgc	116940
catttcttct	tttaaagtgc	tcatctgggt	ctgctaactg	gatttttaca	cccatagtgt	117000
gaaaacacca	atttataata	gtttcagaat	ctggaacata	agctttgttt	gtcttttttag	117060
ttcacctctg	tttccccaag	caccaagaat	agtgtctgac	attatatggc	tcaaaaactt	117120
tgtggaatgc	taaatgaat	gaatgacact	ggtaaggagt	cgttcacact	ccagttcatt	117180
ttacggatg	gagatttgag	gctgagagac	atatgtgatg	ttctcaactc	acaaagttaa	117240
gttaggctaa	gataggacta	gcactcatct	cttaattcct	aagctagtgg	tttggttttt	117300
tgtttttttt	agaccgcaac	atctcagcct	ctctggtaat	ggatattata	gaacagatta	117360
actattcaag	gcttaagtgc	tcctttgggc	aagtgtttta	ccgtgggaat	aatttggtga	117420
tactttatac	gccacttgga	tctcaacatt	ctattccatc	tttgggctga	acattatgag	117480
gaccagggct	tcacagctgg	ggtcctttgt	tgcattatct	cttccattct	gtgaacaccc	117540
ttaaggataa	tatcccaaat	gttatttaca	tagcacctat	cttcccttta	agaatttttt	117600
tttttttttt	ttgagacaga	gtcttgctct	gtcgcccagg	ctggagtga	gtggtgcaac	117660

cttggtcac	tgcaacctct	gcttcccggg	tttaagcgat	tcttctgcct	cagcctccca	117720
aatacctggg	actataggtg	cgcgtcacca	catcggtgcta	atTTTTgtat	ttttagtaga	117780
gacgggggtt	caccatattg	gcgaggctgg	tcttgaactc	ctgacctcgt	gatccgctg	117840
cctcggcctc	ccaaagtgtc	gggattacag	gcgtgagcca	ctgggccggg	ccagaatttt	117900
cttttttaaa	aaaaactttt	ggctgggcgc	agtggatcat	gcctgtaatc	ccagcacttt	117960
gggagtctga	ggcgggcaga	tcaattgagc	tcatgagttt	gtgaccagcc	atcatggtga	118020
aacccccatc	ctacaaaaag	taaaagaatt	aatcgggcat	ggtggcacac	gtctgtggtc	118080
ccagctactt	gggaggctga	ggtaggagga	ttacttgagc	ccaggagggg	attgcagtga	118140
gctgagatca	caccactgca	ctccagcctg	ggtgacagaa	tgagactcca	tctcaaaaca	118200
aacaaacaaa	aaaccctttt	atTTgaggtt	caggggtgca	tgtacaggct	tcttatatgg	118260
gtaaacatgt	gtcatagggg	tttgatgtac	agattctttc	atcatccaga	tactaaacct	118320
gatacacagt	agtattttt	tttccctttt	tttgctcttc	ttcctcctcc	caccctccac	118380
cctctggtag	gccccagtgt	catttggtcc	cctctttgtg	tccatgtgtt	ctcatcattt	118440
tgccccact	tataagtga	aagggtgccct	gtttgggttt	ctgttctctg	gttagtttgc	118500
taaggataat	ggcctccagc	tcatccatgt	tcttgcaaa	gataggatct	tgttcttttt	118560
tatggctgca	tagtgttcca	tggcatatat	gtaccacatt	ttctttattc	agtctatcat	118620
tgatgggcat	ttaggttgat	tccacccttt	gctatttgtga	atagtgtac	aatgaactta	118680
cgcatgcctg	tgtctttgtg	atagaatggt	ttatatctct	ttgggtgtat	accagtaat	118740
gggattgtctg	gggagaattt	tctaattgtac	aggaagatgc	agacttggct	tatggcacct	118800
ttggttattt	ctattgactt	aaggaattat	gagcaatgga	aaaatctgac	atTTtagttt	118860
aacacgatca	tatttgatac	tctagaaaga	ctgaaaaatc	aaactgaaat	tccttagctc	118920
atagtctctt	tcatctgtt	ttaccctttt	tgattttcac	tctgtgtcat	tctcacttct	118980
ttttagagaa	gtggttacca	cttcttaaaa	gtttttcatg	attgcatcag	tcttaaatag	119040
caaacatggc	tgtggtttac	aaaataaaaa	ctggagtcaa	attgaagaga	tgtagaattt	119100
ccttattcct	agagaggaaa	tttaaggatg	gaagagactt	cctctctggg	gattctgaga	119160
tttctgcctg	gctgaccttt	gtcactcttt	tctggaatgt	cccagttact	agttttatac	119220
tcaatttttg	ggcaggggag	cagagcagtg	gggagaggag	atggctctga	agtaattgac	119280
tgaagatttt	ttcttttaaa	aaaaaatgaa	agagatttaa	gggtccattt	agaaatacct	119340
ggaaggacca	agtaaaagcat	ttgaaaatac	tgtgttttac	cttgaggatc	gtttcttctt	119400
tgtccactct	ttctgtgaag	tgaagctttg	ggaggtaacc	ttctgtcttg	ggtggggaca	119460
ttgaccactg	ttcagggctc	tgctttcaga	gctgagtccc	aggagcactt	tgcacccgat	119520
gtggctccca	agcgtcctct	tccctttttg	tcttagtgca	gccccctccc	tcctgctctg	119580
tttccctttac	tctttaataa	cccagacatt	ggccaggcgt	ggtggctcac	gcctgtaatc	119640
ccagcacttt	gggaggccga	ggcaggcgga	tcatgaggct	aggagattga	gaccatcctg	119700
gccaacatgg	tgaaccctgt	ctctactaaa	atacgaaaaa	ttagccagggt	atgggtggtg	119760
gcgcctgtag	tcccagctac	tcgggaggct	gaggcaggag	aattgcttga	acttgggagg	119820
cagagattgt	agtgagccaa	gatcgcgcca	ctgcactcca	gcctggtgac	agaccaagac	119880
tccatctcaa	aaaataaaaa	aaaataaaaa	ataaccacaga	cattgtcccc	ttacgcttgt	119940
gaggagcttg	ggtcttccct	taaatggagt	ggatcaagtt	ttctcagttt	ttttcttccc	120000
tgtaccttg	actacaatta	cccaactcgt	tttcccccta	aggttttact	gttcttgcca	120060
tgggcacaca	tgggaaaatt	ccagccttaa	gaatctaaag	ttgtcacggc	ctgagctgct	120120
gcatccctct	cttctgaagg	cactcagtgg	cagacagcat	cctcttagat	gctccctcgc	120180
cttaagtcat	tggttctcaa	ccacagtttt	gccccactgt	gggcatTTga	ccatgTTgt	120240
agatactctt	ttggttgta	caactgggtg	tgggtgtggg	gctgctactg	acatctgggt	120300
agtgggcctg	agatgctaca	caggaagatg	cccagggcag	tccctgccac	agtcatccac	120360
cgcattgacgc	ccgtggtgcc	gtgcctgaga	agcgtgcct	taactggatg	cttaatcttt	120420
tgggtctccc	gaagacaacc	attgtggtgt	ggggacttgc	aaatatctct	cccacttctg	120480
ggattttatt	acatccagaa	acaacaaggc	acagagaatg	ggagccccag	gcacagactt	120540
aacatgggga	aaaaacatcc	tgtgatcttt	ctggatgtta	ccactaaaga	tactttgaat	120600
tatatgttta	aatctctttt	tatgcctcta	ggttttaaaa	gggggatgca	tatttcctct	120660
tgtttgtgct	taaataaaa	agtcatagat	actgaagttt	cttaccgcga	ctccggtctt	120720
aaagtatttg	gtcctgcttt	gaagacttgt	gtaggaaagg	cctgtgcagc	tttattttcc	120780
agagacgctt	ccagggctca	aatatatgtt	aacagattct	ttcttgggta	ggcagtgta	120840
acattcaggc	taaatagcag	atatctttag	ctccattttg	gcatcttttt	ccctcctagt	120900
tgaatttttt	tgggggcagc	tgacatatct	tttctgtgat	atcatttttt	tcccacctat	120960
gtaaccatgg	tacttttgac	tgcacactgt	tttctgttaa	tatgaaggta	ggtgacctgc	121020
ccccaaaagt	gacaatcttt	ggacagatta	tgtatgagat	ggaagtcata	tttcttttag	121080
aaagtgacat	ttcacatctg	ctttaaatag	aaaaaccttt	ctaggtaaaa	acagtgaagt	121140
gagaatgcaa	tatataaaat	aaaaagctcg	agataaaaagg	agagagaatg	aagggagact	121200
gggttcttat	ctttccttct	aacttgactg	tataacttcc	tataatccat	ttatccacag	121260
tgttgacacg	catctgctgt	gtgccagaca	ctgtgcatca	gagatcctgc	taaggctaaa	121320

gacacaggat	tggagcatga	aggccaagta	ttgccagct	gcagtctgta	ttctatacaa	121380
tagactggac	cgtaggttct	tattcccaga	gccagaact	gtttctcagc	caaggtcacg	121440
gggtccagg	gagatcccc	aagagtagga	gacacttttg	acttatTTaa	gctaattggga	121500
cctggaaata	gggatggggt	ttcaggcaga	gaaaataata	tgtgcaaaga	cacacgaaaa	121560
atagtgtgtt	ttagagatag	cagagatggc	tgtacaacat	tgtgaatata	attgatgtca	121620
ctgaatgaca	cacttagaaa	tggTTaaaga	tgatacattt	ttgttgTata	ttctaccata	121680
ataaaaaatt	aaatgggcca	aaaagtatgg	gaggTacatt	taaacaaaaa	ttttttttga	121740
gttaataacct	ttatttcttt	ccttctttct	ttctgtattt	ctttctttct	cgctctcgct	121800
ctggtgcccc	ggctggagtg	cagtgggtga	tctcggtcca	ctgcagcctc	cacctccag	121860
gttcaagtga	ttcttgTgcc	tcagcctccc	aagttagatgg	gattacaggt	gtgcgccacc	121920
acacctggcc	aatttttgta	tttttttagta	gagttgaggt	ttcaccaggt	tggccaggct	121980
ggctctgaat	tcctggcttc	aagtgatcca	cctgcctcgg	cctcccaaag	tgcagggatt	122040
acaggcatga	gccaccatgc	ctggccaagt	ttatatatat	atatatatgt	gtgtgtgtgt	122100
gtatgtgtat	atatatgtgt	gtgtgtatat	atgtatatat	gtgtgtgtat	atatatgtat	122160
atatgtgtgc	gtatagatgt	atatatgtgt	gtatatacac	acatatctat	gtgtacatgt	122220
atatacacac	atatctgtgt	acatgtatat	acacgcatat	ctatgtgtac	atgtatatac	122280
acgcatactct	atgtgtacat	gtatatacac	gcatactctat	gtgtacatgt	atatacacgc	122340
atatctatgt	gtacatgtat	atacacgcac	acatgtatgt	acatgtatat	acacgcatac	122400
ctatgtgtac	atgtatatac	acgcatactct	atgtgtacat	gtatatacac	gcatactctat	122460
gtgtacatgt	atatacacgc	atatctatgt	gtacatgtat	atacacgcac	atctatgtgt	122520
acatgtatat	acacacatac	acacacacac	acacacacac	acacacacac	atatgttttt	122580
tagatggagt	ctctctctgt	cgccaggctg	gagtgTgggtg	gcgcaatctc	agctcactgc	122640
aacctctgcc	tcccagagttc	aggagattct	cctgcctcag	cctcatgagt	agttgggact	122700
acaggTgcac	gccaccacgc	ccagctaattc	tttgtgtttt	tagttgagac	gggtttcacc	122760
atgttgggca	ggatggtctc	gatctcttga	cctcttgatc	cgctgcctg	ggctctccaa	122820
agtgtggga	ttacaggcgt	gagccaccgc	gcccggccta	catttcttaa	aaaacaaaaa	122880
aagcatgtgt	ttctggagga	actgcaggtt	ggagggTata	gtgggagTgt	tgtgctggTg	122940
agggcagtag	caggagatgg	ggcaggtgct	ggggagTggg	gccagattgt	ccagagtTgag	123000
gagctttgca	agaagctggg	aagccatcaa	aggacttaag	gcacgggagT	ggcgtctgTca	123060
gatatgcact	ctagaaagct	ctttgttggg	gcaggttgag	gaatatttg	agatgtcaga	123120
gactggcaag	gagcttaggg	gtaggaattct	aagcaacaca	tagtgacagc	tcaaactagg	123180
caggagggca	ggattggagg	caaggagtga	agtggatgtc	cagagagtga	gatggagcca	123240
tgacgtctca	gagaggtagg	aagagaaaaa	ccaggaggga	ggagaggaat	ggagatttca	123300
gactgaagtg	caatgtcaga	tggccttggc	gtggctagat	gagggtagt	accagaatt	123360
gtccttagtg	gaagggaggT	ggaaggggca	gccacaaggT	tgcagggggT	tgaagagtga	123420
tgggcagtga	ggaagtgaga	cctgagagcc	aagactcagg	gaggacgaaa	ggagagagaa	123480
gcaattgcca	ggacaagtta	tagggcatgg	aacctggggg	aaacagcaaa	tccttgTgtg	123540
taccattttt	ttgcaggtaa	ggggcttggg	gctctttgaa	gataaatgtg	attaaagaag	123600
atcaaccaac	tagtcaatgg	ctgaatcagt	gtttatgccc	ctttccatcg	gaattattct	123660
cctggggctg	cggtagccat	tctgggtggc	ttatcaccctg	gttctggagg	ttagaaattct	123720
gaaatgaagg	cgttggcagg	gtcttgctcc	ctgtgaaacg	tgcaggggcaa	tgaatccttg	123780
ctgcctcctc	gcttctggTg	tttgcttgca	gaccttggtg	ttccttgTtc	tgtagtgtatg	123840
tcaccccaat	ctctgcgtgt	tctctgtgct	ttgcgctctg	tatcttcaca	taatctcttc	123900
tctgagTctc	tgcgttcaaa	tttccttctt	ataaggacat	gaaccattgg	attagagTtc	123960
actaatccag	tgtgacctca	tcttaacttg	attacatctg	cagaaatcct	gtttccaaat	124020
aaagacacat	tcattgttgt	caggggttag	gaaattgaag	acatctttaa	aggcagcaga	124080
gttcaactca	caacaccatc	taatttcaaa	gctcatcttg	tcttttcccta	ttcttgTaaa	124140
aatctgtcct	cagttttctc	atctttatat	aatgaagcat	ttgacttaaa	ccagggatcc	124200
ccaacgcccc	ggtggTggac	tggTaccat	ctgtggcctg	ttaggaacca	gtgagtggca	124260
ggcgagtga	cattaccgcc	tgagctctgc	ctcctgtcag	atcagtggTg	gcatttagatt	124320
ctcataggag	catgaaccct	attgtgaacc	acacatgcga	gggatctagg	ttgcacattg	124380
cttatgagaa	tctaattgcct	gatgatctga	ggTggaacag	tttctctctca	aaatcatcaa	124440
cccccaaccg	cgtTgaaaaa	attgtcttcc	atgaaaccag	tccttggtgc	aaaaaacact	124500
ggggactgct	cagTtaaacg	attcagaatt	ctttcagatc	taaaattgta	tgacaatggc	124560
caaaaagctt	ttaatcaata	atcttagaaa	gtcttgaaagc	acttggtcat	aattggaata	124620
aaagtcaaag	acgaagaact	agaggggaaga	taaccatttta	agtgggtgct	ccaaaggggg	124680
gttggggctg	cacccaagca	gagagaggcg	ctcctcaaac	tcttattttt	ggcttaagt	124740
taggttctac	atttttagta	aaaacgcttt	tgtctgtttc	cccagttgaa	atttTgTaaa	124800
gtatgtggca	aatgggtggT	tatgcatggg	aaagTaaaga	gagagctact	ttaattaaat	124860
ctttaaagaa	taattcagtt	cagatgcaat	attaacattg	actgttctag	gcactgtgag	124920
ttctgagatg	gagagataaa	gtgacatcag	gactttatag	tctagaacta	gagatgtgtt	124980

caggactaag	ctcttaccgg	ttcttggcca	ctctgctctg	cctttccctg	ctctgaccac	125040
actcgcacac	acacatttcc	actttgtctt	ccgcacatta	ttcacaagga	ctctgaagtc	125100
ttgaagtgtt	gtatttcac	aaatccaaga	caccacagat	tgtaaagatg	tactattatt	125160
ttttgtttca	ttaagtataa	aatatgctaa	tagttaaact	aaaaaaaaac	ctgctttatc	125220
ataacttaag	ttttaaatct	tttttaaaaa	ttatttttag	tagagatggg	gtttcaccac	125280
gttgcccagg	ctggtcttga	actcctggcc	tcaagtgate	tgcctgtctc	tgcctcccaa	125340
agtgtctggga	ttacaggtgt	gtgtgagcca	ccatgcccag	ccccctaaaa	atttttatta	125400
aaatttttgt	tgttgttgtt	ttgagacagg	gtcttgtctt	gttgcccagg	ctggagtga	125460
gtggcacgat	cacagctcat	tcagcttcaa	cctcctaggc	ccaagcgatc	ctcccgcac	125520
agcctcctga	gtagctggga	ctacaggtgc	aggccactat	acccggctaa	tgggttttga	125580
gtttttgtag	agacaggatc	tcactttgtt	gcctaggctg	gtctcgaact	cctgggctca	125640
agtgtcctc	ccaccttggc	ctcccaaagt	gctgggatta	caggtatgaa	ccactgtgcc	125700
tggccaaaat	ttttacattt	attgaagttc	tttttttagat	ttattcagac	gtttacactg	125760
atcataacac	tcctgtgcat	attttctaaa	ataaaaaaga	acatttccta	aaatgtcttc	125820
acaccataa	tctaacttat	ttgaattgct	attcaacttg	gagtaatcta	tgtctattct	125880
attgatttat	tttcctcaca	taaaatgtct	gtggtgcagc	ctttcttaag	agacgtctgt	125940
aaccggacct	ggcattttct	aagccatttt	gcaaattttg	aagcatgttt	gcaggtgata	126000
accatgtcac	aatgactggc	tgattaattg	tacagtgcac	ctcaaagatg	taaaatgtaa	126060
aaagtatctt	cagattgatg	ggatgtgtct	ctgcttgtct	tctccatcct	taccctgag	126120
acactagaac	tctcagctgg	gaatcagcga	gatgcattgc	cctgccagtg	gactccagac	126180
ccttcccagg	ggaggccacc	caatacccag	cttgcctggaa	ggacttttcc	aaagacaagt	126240
ctagacttgt	cactccccca	cctaaagctc	ttcagggatc	ctatggatgg	aactgaagac	126300
aggctgacaa	tctgttttga	cagctagatg	aagagaacta	aggcaatggc	taaaatgtta	126360
ataacctgat	ggaagaaatt	atcactcatt	ttcagtcact	tgtgtttgat	aatgttatct	126420
gtgactttca	aaccagggat	ccccacaggt	tcctagaccc	tcaggaaagt	aaaacgtttc	126480
tatggagaaa	gactaggccc	tgtttccttg	tcctgccatg	atcattgatg	tttctctaag	126540
atgttcgtga	tggagctgag	tcgagagaca	gaaagaccca	agtattaatc	ctgcctctgt	126600
aactctgggc	aaattatata	gccttagagg	accgcagttt	cctggtggaa	aaaaataact	126660
cctctcggat	gggtggttatg	gggtgttttt	atttttataa	gataacatgt	agacttcccc	126720
tcacagtggc	tgggtgtagta	gatgtcagta	gatattaatt	gtattttccc	caccatcttt	126780
gtctttttaa	aaagcttttc	catcagattc	tgagaaaaaa	aaaacaacat	taaaattaat	126840
gaacaaataa	gttttggtatt	atggttttca	ataatctata	cttttaaatg	ttcttatttt	126900
ccacctttca	tgttgtgaat	gagaaattaa	tcttttctcc	caaaagccag	actctatttt	126960
catattaaat	cctataccat	tactgaacat	acaagaaaca	ggatcatatc	tagacgaata	127020
tataaggcaa	aatttggtatt	cccaggtttg	gggaaacttt	agttggaatt	aatgaagact	127080
gcttttgatc	tagtctgcca	gattctttca	cttttttaggg	tcttattatt	gcttctagat	127140
acctttcagg	tctgaccatc	agcctcctac	ttttgtcttt	gttttcagat	cagtgatgtg	127200
aagcatttgt	ttttacatca	gaccgtctag	gtttaaaatc	tgacctccac	caaagattta	127260
gggtgtgttaa	cctgggcaag	ttgcttaatg	tctgtaagct	tgaggttcct	gatctgtaag	127320
tgggtgacagg	gatccccacc	tcacagaagt	gttgccacata	agtattttaa	acacttaatt	127380
tggacttgtc	tgtaaatgga	atgcactctg	tcatgggtggc	tgtggttaat	aattttctca	127440
aggcatgact	gtgatgtttt	gctgggtgatt	ttggtatcta	ccattctgtt	cttccttggg	127500
gttctttta	ttctaatttt	tttttccaga	ctgcaccttt	taattttaat	gataatgatt	127560
tgtctgccacc	tacgggctaa	tgtggaaa	gcagaacatg	tcattaccaa	ctttcttaga	127620
tgttgaatat	aaaatctcaa	ggcatcctg	gcagacttga	agccaactgg	acaaccctgc	127680
atcctctttt	ctgagagatt	tattttcctt	gatagcctag	ccgcatactt	gaatagaacc	127740
agaatccctt	tggattcttt	ttggaattgg	gcagtataca	taaagcattg	tgttagcagt	127800
cagatactgt	atttctcccc	ttgtttgagt	agatttgcaa	aacagtgtgt	atcaaaaaag	127860
catgaaagag	tctttgctat	ttaagtaatg	gttttggtacc	tgagttttgc	ttgttttgtt	127920
ttggagatct	gttgtagttg	gagaacctgg	gagttctgta	caaaacatta	aaaataaaat	127980
aacgtttaac	aggtagctct	gttatggttc	ttactgtgtt	gccttatatg	attgttactt	128040
gaatgcttga	ctctcagttt	caatctcata	caactttctt	cacataatct	gacatagagg	128100
gtagatttac	aagcacacac	agatgctggg	aaatggtttc	tgacagtaca	tagtacagca	128160
cgttgttcac	gggtgtggtt	ggcaggagt	ggagtaagag	gtgccaatgc	cagctagcag	128220
gagacgggtc	cagtaagggt	tacctgccaa	cctcaggggt	cacactttgc	tttgaaaaca	128280
gtaaggaatc	accaaaggat	tttaagctga	agagtgtatc	agtcagattt	ctattataga	128340
aatattatct	gggcagtctg	ttcacaaata	tttttagagga	agacctgcgg	aagcaattat	128400
gcattgagct	tttctacttg	ctgattgtac	ctattaaata	ttttatatct	agtcaagagc	128460
ttaatcatat	tttttgccag	tccgatttgt	ggtttttgaa	tttttttgtg	tacttttatg	128520
cctttaacag	ttctgtgctt	tccaggtagg	cactattttg	gtgctgccat	gctgatgatt	128580
attattataa	ttattaactg	ctattaatca	gtgagtgtac	agtagagcct	gtaccaagtg	128640

cctttgtaac	ttgtacacca	tgtacataag	catcatctca	ttgactcatg	taattctcta	128700
atgcttgctg	cgacgtggc	tgcttggtcc	acagtgtggt	tattctcctt	cctttttctt	128760
ctgtgtctgc	tccctggcgc	cttgcatggt	gcaggatgcc	acattgctgc	tgtggctgaa	128820
ctggcagttc	tcagaaatgg	tccctggggg	tagcagggaa	caactgcagt	ggctgtgatg	128880
ctcactggca	ggaagagcag	gcagaggagt	aaaccttccc	ctggtttctt	tgcaaaaaaa	128940
aaaaaaaaaa	aatctgttgc	cagaggagac	tttghtaatcc	caaactctgta	aactgaactg	129000
aagcctaggg	taaggcagct	gaggccagga	agggggtgac	aaaaagctta	gtcgtcaaat	129060
aatatataaaa	tacaatattt	ttaaaaaatta	atgtaaaaaga	aaatcatgaa	taaaatatca	129120
caatttttaa	taaagatgag	attaccaata	gtgctgttca	tgcaagacca	ttttggagtt	129180
tgagacaaaag	tatcagcaat	actgatcctt	caattttaaaa	ttttggcatt	tttggtcatc	129240
atgggttctt	tgaatttgat	ttttaaaaaa	tactgcatta	agatatattat	attgagtgtt	129300
ttagtggcct	cttcaatttt	gcaccaagg	ttggggtgcc	tttctggcct	catcttagcc	129360
tgtgggtgag	ggttgggcag	gaaaagaggg	gagatctgag	gggcagctgc	ctcctggcca	129420
ctctccagtt	gttcttcctg	acaggctccg	ttccaagggg	aatgggtgcg	gtgtgggttg	129480
tcttcagtag	tgtagaatgt	ctctgtgtgg	ctgttggtca	tgtctctgaa	catataacct	129540
agtattcttt	tataagggta	tctggatgat	atatatatat	atagatagat	agatatagat	129600
atatagatat	agatatatat	agatatatat	aatcatctat	atcatcatat	atatatatga	129660
tggtttgaag	ccaggagttc	aagaccagct	tgggcaaacat	agcgacaccc	tgtctctacc	129720
tcctaaaaca	aacaaacaaa	caacaaaaaa	agaacttaca	agaagatggt	ttctgcctcc	129780
actaatggaa	agaaacagaa	taaaattttac	ttaggacatt	tagttcattc	agtggttact	129840
cctttactga	gtttatgaaa	tggtggcttt	gattaccaca	gcaagctgaa	gagatatgca	129900
aactcctgcc	ctgggttact	gggaaggagc	taaaatcttt	catctaattt	atactgattt	129960
acttttgcag	caatttaaag	tctcagcaag	atctcatttt	gggcccttca	ctcttctgcc	130020
ataactatat	tgtgactgag	actatgaaca	gaagctaaga	gaatgctata	ttttctaaat	130080
tcataattttg	gcagagtcta	cttggtagtt	tccggtggtt	agctcagatt	ttcttttgtc	130140
ctttgctgag	aaagccaggt	catttgaata	tccagagatg	agatgtgtgg	atctactcta	130200
attggcttta	ttctggctag	gacagtggag	gagctttaat	agggatttta	cttagatttt	130260
gcactttaaa	aatgggttta	aatccccaac	caggctctgct	gagaacagac	ccagtcctctg	130320
aggaaggaga	agatggtgct	gccacgatca	gtgccacaga	gacctctctg	gaagaggagc	130380
aggaagagct	aagaagagaa	cttgcaaagg	taaagaacca	ttccttttgc	aactttattt	130440
ttgcacttaa	aatgtactgt	catttgtgat	tctaaagtac	atggtgatat	gtttatagtt	130500
agttccaggg	gagagaaagc	atatgtgttt	acttctccag	caggctcttga	gtaggggaga	130560
ggagatagaa	gaggggtgaca	tcggttcggt	tttatatgag	aaaaaagtat	atatgggttaa	130620
aatagatgtg	aaaagtagag	tgtgaagcag	gaaatgaatg	agaggagtag	tagtgaatgt	130680
cttctaaggg	acttcaactga	catctgatac	acttgcctct	cagtgcatac	gtgactttgt	130740
tctacccttg	gctgtgttgc	agagatggcc	actttccaac	ttccttccgc	ctttccttcc	130800
ttccagctcc	ctccttccct	cccctccctt	cccttcccta	ccctgccttc	cctccctctt	130860
ctcccttcc	tccttccctt	ctctttcttc	cttccctcc	ctccctcccc	tccttcttcc	130920
ccttctggct	tctctttttt	ctctttccgc	ccccctccc	cctccctccc	tctgccattc	130980
ccccccattc	ctcctctcct	ttccctccct	tcttactttt	ttcttttcta	acttcttcca	131040
tgaaattcat	ttaacataaa	aattaacat	tttattatat	tttatttttc	gagatggagt	131100
ctcgctctgt	tgcccaggct	ggagtgcagt	ggcacaatct	tggtcatttg	caacctctgg	131160
ctcctgggtt	caagtgattc	tccctgcctg	gcctcctgag	tagctgggat	tacaggcgct	131220
tgccactgtg	ctcagctaag	ttttgtattt	ttagttagaga	tggatttcgc	catgttggcc	131280
aggctgggtt	cgaactcctg	accttaagtg	atccacctgc	cttgggtctcc	caaagtgcctg	131340
ggattacagg	caaaaaaatt	aacgagtata	attcagtaac	atgtaacatt	cacagtgttg	131400
tgcagctgcc	acccctttca	agttccacac	attttcttca	cctccaaaga	gatccctgta	131460
ttcattaagc	attcaatcct	gactactccc	ctccttcagc	ccctggcaat	acctaatttg	131520
ctttgtgact	ctatggattt	aactgtcttc	tggttatttc	atataaatgg	aatcatacaa	131580
tatgtaacct	tatgtatttg	ggttctttcc	cttcatgttt	ttgaggttga	ttcatggtgt	131640
agcacatatc	tgtgcttcat	tatgtttaat	gactgaataa	tattccatta	catgtatcta	131700
ttgtattttg	tttatccatt	tatccatttg	tagacatttg	ggtgattttt	caccttttga	131760
ctatggtggg	tagtgagtta	ggaacatttt	atgaacaaat	acttgcttga	gtacctagtt	131820
tcagttcttt	ttcatatatg	cctagatatg	gaattgcttc	atcatgtggt	agttccatgt	131880
ttaatgtttt	aaaatttttt	taactttttt	tttaagatac	aaggctcttgc	tctattttgt	131940
gggttggtga	ttgtgcagtg	gcatgattat	agctcactat	aatgttgaac	tccctggcca	132000
agcaatcctc	ctgcctcagc	ctcctgagta	gctgggactc	cagggtacatg	ccattatgcc	132060
tggcaaattt	tttaattttt	atttttcata	gagatgagat	tttgctatgt	tgcccaagct	132120
ggtttcaaac	tcctggcctc	acgtgatcct	cccacctcag	cctcccaaag	tgctgggatt	132180
acagatgtga	gccactgttc	ctggcccatg	tttcaagttt	ttttgggaag	caccaaacctg	132240
ttttcacagt	attaacacca	tttaatatcc	ccatcagcaa	tttccccaca	tccttggaac	132300

catttggttat	tttctgtgtt	gttgattata	gtagtcctag	tgggtgtgaa	gtgatatctc	132360
attatgggtt	tgggttgtgc	ttttgggtgt	atatctaaga	atccatttct	aaatcctaga	132420
tgataaagat	ttacccttat	gtttttgtct	aagactttta	tagtggtggc	tcttaagatt	132480
taagcccttg	atccattttg	agttaattag	cgtatatggt	tttggtaggg	atctaacttc	132540
attctttttg	atgtggctag	ttttccccag	tgaatgctcg	tggcatcctt	gttaaaaaag	132600
aaaaaaaaatc	agttaaccat	agatgtatag	gtttatattct	ggactctgga	ttcagattca	132660
ttcatctata	tgtcttttct	tttgacagta	tcacactatt	ttgattacta	tagctttgta	132720
gtaagtttga	aatccagaaa	tatgcgttct	ttaccttttt	cttcttttta	aaaatttgta	132780
ttcaaggttc	cttgcaattc	catatgaatt	tcagaatctg	cttttccacc	cacacaaaaa	132840
tgctgttggc	attttgatag	ggctcgcgtt	cagtttatag	attgacttgg	tgagtattgc	132900
catcttaaca	atattaagtc	ttccagtcga	tgaacatgaa	atgtctttcc	atttatttag	132960
ttcttatttt	actttagcaa	tgtacaaaac	atttttctat	gtacgagtct	tatacttctc	133020
tagttatatt	tattcctaag	tgttttattc	ttgttgatgt	gattgtaaat	ggattttttt	133080
taaattttct	tttcaggtgg	tttattgcta	ttatgtagaa	acataactga	atatttatatc	133140
ttgatcttat	attttgcagc	tttgttgaat	ttatgagctc	aaatatattt	aaaaaaattt	133200
ttttgagaca	ggtattgctc	tgtcacccat	gctagagtgc	agtgatgtga	tcatggctcg	133260
gggcagcctt	gacctcccag	ctcaagtgat	cctcctgcct	cagcctcctg	agtagctagg	133320
actacaggcg	cttgccacca	tctgcctggt	taattttttt	atttttcagt	agagggtggg	133380
tcttgctatg	tttctggact	caagtgatcc	tcttgccaa	gcctctcaaa	gtgctgggat	133440
tacaggcata	agccaccaca	accactcttg	aatagatttt	tttgtggatt	cttttttttt	133500
tggggggggc	ggtggggggg	aagggtatgga	gtttcactct	tgttgcccag	gctggaatgc	133560
aatggcatga	tcttggtcca	ctgcaacctc	cacctcccag	gttcaagcga	ttgtcctgcc	133620
tcagcctccc	gagttagctgg	gattacacga	atgtgccact	acgcccggt	aattttgtat	133680
ttttagtaga	gatgggggtt	ctccatattg	gtcagctggt	tgtgaactcc	caacctcagg	133740
tgttctgcct	gcctcggcct	cccaaagtgc	tgggattaca	ggcatgagcc	accgcacctg	133800
gccttttttg	tggattcttt	aggattttct	atatatgaaa	tcattgtcatc	tgtgattaaa	133860
catcgtttta	cttttccctt	ccaatttgaa	tgcccttaat	ttatttttct	tgtctaactg	133920
ctttggctaa	actcttcagt	acaatattgt	gtaaaaatgg	taaaaatggg	tatccctgtc	133980
tttttttctg	atcttatggg	gaaagctttc	agtctttaac	cataagtatg	atattagctg	134040
tcattttttt	cacaaatgca	cttgcgttga	ggaagtcttc	ttttattcct	agttttagtg	134100
gggttttttt	ttcatgaaag	agtattggat	ttttatgaaa	tgcttttttt	ttcacctatt	134160
gaaatgattg	tgtttttccc	ctttactata	ttaatgtggt	atataaacact	ggttgatattt	134220
catgtgttga	atcatccttg	cattcctagg	atatattcca	cttggtcattg	ttttataatc	134280
cttttaatat	gctgctggat	attcatagga	gatattgggt	gctgttttct	tgtgatatca	134340
ttctctggct	ttggtaaata	gggtaatgct	ggcttcttag	atgagttgga	aagtgttcta	134400
ccatcttctg	gtttttttaga	agagtttgaa	aaggtttgtc	cattctttaa	atgtttggta	134460
gaattaacca	ttgaagctat	ctacttttac	acttttcttt	gggagatttt	tgatacttgt	134520
tcaatctctt	tacttgttca	gatttcttct	attttgttgg	gtcagtttag	tcatttgtat	134580
atttctatgc	atttgtccat	ttactctaga	ctatctagta	tgttggtgta	caattgctca	134640
taatattctt	ttataatcct	ttctgtttct	ataaggttag	ttaatgtccc	cactttcatt	134700
tgatttttagt	tattttatgcc	ttctctctct	tttttttttt	tcggtcagtc	tagctatagg	134760
tttgatcaatt	tactcatctt	ttttcttttc	tttttttttt	ttgagatgga	gtcttgctct	134820
gtcacccagg	tggctggagt	gcagtggcag	cagtcttggc	acactgcagc	ctctgcctcc	134880
agggttcaag	caattcttgt	acctcagcct	ccttggtagc	tgggactaca	ggcgtgcacc	134940
accacgcctg	actaattttt	gtatttttag	tagagacgag	gtttcaccat	gttggccagg	135000
ctggctctga	acttcttttt	ttttgtttgt	tttgagatgg	agcctcactc	cgttgcccag	135060
gctggagtgc	aatgggtgca	tctcgtctca	ctgcaacctc	tgccctccag	gttcaagcga	135120
ttctcctgcc	tcagcctcct	gaatagctgg	gattacaggc	acgtgccacc	actcccagct	135180
aatttttgta	tttttggtag	agacggggtt	tcagtgtggt	ggcatgactg	gtctccaact	135240
cctcacctca	ggtgatctgc	ccgccttggc	ctcccaaagt	gctgggatta	caggcgtgag	135300
ccactgcgcc	tggctgtctt	tttctttttt	ttaaccttta	atgcaactgtt	gatcttttta	135360
aagaatgaat	tattgtcttt	attcattctc	tctattgttt	cctcttgtcc	attttatctt	135420
tactctaata	tctaactctt	tccttattcc	cttcttctc	ttagcttttg	gtgagtttt	135480
ctatttttta	aatttttctc	taattcctta	aggtgttag	ttaggttatt	gagatttttt	135540
ttaatgtagg	cattttataac	tatacatctt	ttactgacag	ttcttcaact	gcacccaaa	135600
agttttaata	cactgttttt	gttttcttct	atttcaaggt	gttttctaat	ttcctttgtg	135660
acttcttttt	tggcccatgg	gttggttaaa	agtgtgtggt	ttgattatta	catagttgtg	135720
aattttctgg	ttttcctctt	gtttttgatt	tccagtttca	tgggtggtgg	tggaaaagg	135780
gctttgtatg	actttaagtt	tattgagact	tgttttggtg	cctaacgtat	actctgtcct	135840
ggagaatgtt	tcattgtgat	ttgagaacag	tgtatttcta	ctaatttggg	gtgagctgtt	135900
ctgtacatat	atgtgttagg	tccagttgat	gtatggtatt	gttcaagtcg	tctctatgat	135960

cttctgtctg	tttgtactac	tcattttttc	gcccaaagtt	ttataaacia	gggtggggata	136020
gaatgggtaa	ggcagatggg	tgataaacca	tttgtgtggt	tgtttttttg	ttttgttttg	136080
ttttttgaga	cagagtttca	ctctgttggt	gcccaggctg	gagtggtggtg	gcataatctt	136140
gactcactgc	aacctctgcc	tcccagggtc	aagcgattct	cctgcctcag	cctcctgagt	136200
agctgggact	acaggcgtgt	gccaccatgc	ccagctaatt	tctgtatttt	tagcagagat	136260
gggggtttgt	catgtaggcc	aggctggtct	tgaactcctg	aactcagggtg	atccacctgc	136320
cttggcctcc	caaagtcctg	ggattacagg	catgggccac	catgcccagc	catatatttt	136380
tatatattgta	gagggcatta	gaatacacat	aaccttttcc	cacttaactg	attttcaaaa	136440
acatttttat	gccaatatac	tcttgtgcaa	cctcattttt	aattgctgcg	tagtccattt	136500
tgaattttccg	caagctcatt	tttaattttat	attattttata	aacatttgga	ttgtttccat	136560
tttttgctat	tatgaataat	agtttgatga	aaataccttc	atgtaagttt	ttatgcactt	136620
ctttaattag	cgcttttagga	taaagtcctg	gaagtagcat	tatgcctggg	tctaattggt	136680
tttaagagta	tatagcaaca	tggccaaaat	gctatccagc	atatttctta	cagtgttttg	136740
aaagagcatt	ttttttcaaa	tccttgacag	ttctcagtat	tgttttatta	tcaacaaaat	136800
aaaaataata	gtaatagcac	ctaattgtcta	tagactacat	gctgtgtggg	aggcggttaa	136860
ctgagctctt	tacatgcatt	atttcattaa	ttattacaac	agtcttacgg	ggcagggtgt	136920
attatgattg	atggaagagg	aaacatagtc	tttattttaac	aaatgaagtt	accagctata	136980
tgattttgtaa	atattttctc	ccattctgtg	gattttcctt	ttcattttct	ttatagtccc	137040
ttttaaaaca	tttttaaaact	taaattttttt	atttaaaaaa	tttttagattc	agggggtaca	137100
tgtgcggtt	tgttacatgg	taatgcctca	tgatgttgag	gtttgggctt	ctaattgatcc	137160
tgttgcccac	gtagtgaaca	tgggtttttca	gctctttccc	ccaactctcc	ctctccactt	137220
ctggaatccc	cagtgttttag	tgttcccctc	tttgtgtctg	tgtataccca	atgttttagct	137280
cccacttata	agtcagaaca	tgtgggtattt	ggttttccat	ttttgtgtta	atgtgattag	137340
gaagatggcc	tccagctgta	tccatgttgc	agcaaaggac	atgattttgt	acttttttagg	137400
ggctgcatag	tattccatga	tgtatatgta	ccacattgga	cagtgggcac	cgggggttgg	137460
ttcatgtctt	tgctattgtg	aatagtgtatg	caataaacad	atgagtgcag	gtgttttttt	137520
ggtagaacia	tttctatacc	cagtaattggg	attgtgcca	ttgaattgga	gctctgtatt	137580
aagtcttttg	agaagtatcc	aaattgtgtt	ccacagtggc	tgaacttttag	gactgttatg	137640
aataatgccg	ctgtaagcaa	ttgtgtacag	ctttttgtat	ggatgtgtgt	tttctttttta	137700
ttgttgcttg	tttgtttttt	gagaagagtc	ttgtctgtgt	gcccaggctg	gagtgtagta	137760
gcatgatctc	agctcactgc	aacctctgcc	tcttaggttg	aagtgattct	cctgcctcag	137820
cctcctgagt	agctgggatt	ataggcacac	caccaccatg	cctggctaata	ttttgtgttt	137880
tagtagtatg	gggtttcacc	atgttagcca	ggctggctct	aaacccctga	cctcaagtga	137940
tctgtccacc	ttggcctccc	aaagtgtctg	gattacagcc	gtgagccatt	gcaccagacc	138000
tggatgtggt	ttcaattctc	tttgttatat	atacctaagg	gtggagtgtg	tgggtcatat	138060
ggtagctcta	tgttttaact	tttgaggagc	tgtcaaaactg	ctttgctgcc	caacttcatt	138120
ttacattctc	accagctgtg	tctgagggtt	ccaatttctc	cacatccttg	ccaacactta	138180
ttaatctctg	tttttttttaa	ttgtaaccat	cctaattgggt	atgaagtgg	atctccttgt	138240
ggttttgatt	tgcatttctc	aaattactaa	tgaatgggtg	taagcatctt	ttcatgtgct	138300
tattggatcat	ttgtatatct	tgggagaaat	gtctatttta	gtcctttgcc	cattttctaa	138360
ttggattgtc	tttttatattga	gttgtaagtt	tcttttatatg	ttctagatac	tagactctta	138420
ttaggtatgt	aatttgccaa	tattttcccc	attctgtttg	ttgtctttta	ctttcatgac	138480
agtgtcgttt	gaagcacaa	ctgtaggcat	cctccctttc	ccaacctcta	acaccacaaa	138540
ttttactctc	tacttagatg	ggttcagagt	tttttcttgg	cgtccacatg	tgagtaagaa	138600
catgcagtat	ttatctttct	gtgcctgatt	tattctgctt	aacgtattgt	tctctaggct	138660
catccatgtt	gctgcaaat	acaggatttc	attctttttt	atggcagaat	tgtattccat	138720
tgtgtatacc	acattttctt	tatccattca	cctgttgatg	gacacttggg	tattgtaaat	138780
agtgtgcaa	taaacgtggg	ggtgtaggta	ccctttgata	cactgatttc	ctttcctttg	138840
gataagtaac	ccagtagtgg	gattgctgga	ttatgtggta	tttctatttt	aagtttttct	138900
gagaaacctc	catactgttt	ttcatagtgg	ctgtactaat	ttatatcccc	agcaacagtg	138960
tataagagtt	tcatcttctc	tggatccttg	ccagcatctg	ttattttttg	gttttttgat	139020
aacaggcata	ataacagggtg	tgaggtgata	cctcattttg	attttgattt	gcatttccct	139080
gatgattagt	gatgttgagc	atttttaata	tatttgttgg	ccattttatat	gtctcttctg	139140
agaaatgtct	attttagatcc	tttgccact	ttttaaatgg	gattgcttgt	ttgtttttgt	139200
gttgaattga	gttccttgta	tattttggat	attagtcctt	tgtcagatga	atagtttgca	139260
aatgttctct	cccattctac	aggttatctc	ttcactctgt	tgatgatttc	cttgaattta	139320
gtcccatattg	tctatttttg	ttttgttgc	ctgtgtttct	gaggtcttag	ccataaaatc	139380
tttgtctaga	ccaatgccct	gaagtgtttc	tcttatgttt	tcttctagta	gttttatgg	139440
tttgggtcct	tagtccattt	tgagttgatc	tttgtatata	gtgatagaca	catcagagat	139500
tcttaatcat	gctctttatg	cttttaaa	cactctgttt	tacatgtata	tattgaatta	139560
aggaatcgca	gccatgatgt	gctgggctag	gtgtgttagc	agcacaagct	aaccaacaaa	139620

gggtggggaat	atactgtgtt	gtgcattgtt	cagaaagatt	tagagtgggt	tgtctttgca	139680
gctttcatta	gaggaagtga	gtacctcaga	gaagtgctaa	ggggtgggaa	acttaccatt	139740
taagtctatt	cttagaagtg	tctgaagctt	tggagcctga	agtagagaca	gaggaagtgg	139800
gaagcttaag	agagtgtaca	tgagaattca	gccagtaaac	tgagacgtgc	attcagaaaa	139860
cctagatagg	aattctgggt	cctacattat	ttgtttgatg	actttgggca	aatcatttaa	139920
tttacttaat	tttgaacctt	attctttcct	ctttttttgt	ccttttcttc	tcgtattcca	139980
cttcgtcaat	gtacatctta	aaatgtgact	tacaaaactg	ggtccagtac	ttgtgactct	140040
gacaagcaca	ggggattatt	tatttgttct	gagggacctc	tgttccagtt	aatcttatct	140100
gagagtgggt	ttgtaggttc	tttttcttct	tttttttttt	ttcttggcag	ctgcatcaca	140160
tttgatttat	ccttttctcc	gttgacttaa	ttttctttgt	tttgtgttct	ctaaagactt	140220
aaacatctgt	gaaaacattt	gactgagcaa	tactctatgt	tattttttaa	gggcatgttg	140280
tctttgaaat	catagaaata	ccgtgcaggt	tggggctgaa	aatatggctt	tgcaacaagc	140340
caggagacgc	atttctctga	gggtcttgaa	tgttaatgga	tatactttag	ggacctagat	140400
tttcaatttc	ctgggacctt	aagtctcttc	cacatgggtg	ctatttctct	ctgaaatagg	140460
cagtccaccc	ttttccctgt	ttctgaaata	gagagtctac	cattttccct	gttttcctgg	140520
attagccttt	tgttctactc	tgtccatttt	ttccttttct	tcatagcttc	tgcttacagt	140580
tttagattcc	tcaagcatat	ttaagctttc	catacctctc	ataatctcac	tgtagcctac	140640
ctatacctca	aggcttcttc	aagttttttc	agcttctact	tgcaatgtca	tctcacttct	140700
caaactagat	tcctgagtga	gagagacgaa	tagttgagca	cctcttttca	cactgggctc	140760
atccactggc	tcttgatggg	tggctgtcca	tgggtcaggg	cccacctcta	accacctagt	140820
caagtctggg	cagtgcagcat	caaggggttc	acatgaaacc	cttgagagca	gggatctcct	140880
gaggaggcgg	tttgatttat	tatggccatg	actttgccag	acacagggac	tgagtatatg	140940
tatccagtat	atatactcat	atcaaatatg	caaggagatt	ggatttgggt	ttggcttggt	141000
tgtgtgtgtt	ttggtagggg	atggagatta	ttttgattta	gtatacaaat	acaagttttg	141060
taggcattca	gatagaaatg	tctaggctgg	gaaggcagac	ccacaggtcg	ggagagtggg	141120
tgttagagtg	ctttattaag	tattatctgt	gtagaaattt	gagtcctaaa	cctacatgag	141180
atagctgagt	aagggaagtat	agggagagag	gagaaggcca	aaaacagctt	aagatgggat	141240
tataaagagc	tcccatggag	gaggaaagag	aactctacag	gagagatcag	caagtaacca	141300
gtttactcaa	caacattata	cattgttttt	agagagaaag	ataaatgatt	caaaaaaatg	141360
tttaatgact	ggaatttttg	atgtagtctt	gtggtaataa	tcttaactta	ctgaatgact	141420
tttgctatat	tcttacccca	aacccttctc	tcataggtag	aagaagaaat	ccagactctg	141480
tctcaagtgt	tagcagcaaa	agagaagcat	ctagcagaga	tcaagcggaa	acttggaatc	141540
aattctctac	aggaactaaa	acagaacatt	gccaaagggt	ggcaagacgt	gacagcaaca	141600
tctgcgtatg	tttccttgat	catacacttt	ccttgggagt	gtaaaggaca	ctgttgtgcc	141660
ttttgtctgg	agaggggaag	aaaaagagga	taaggatgct	tcagcagctt	ttctttggac	141720
gacacggcac	ccttttttct	tgattttcaa	gtgtgcctgc	ctttttttgt	aacttcaatt	141780
tttccagacc	acttattcta	aggaatagaa	agaaagctag	ccagttggag	aaataaaatt	141840
caaatcccat	aagtgttatg	tattgacttg	ccacaaatat	gtacattttg	tccttttagta	141900
ctcagaataa	cccagtaaga	atgggtggca	agataaccct	ggataaggaa	acaggctcag	141960
acaaattaag	ttttcatgtc	acaaacctct	caaaatgtgg	agtgggaatt	caaactcagg	142020
tctggagcca	gtctttatta	ttattattaa	tgtatttttt	taaccttggt	gtgtaggtat	142080
caaaagattc	tcaggtcgta	gtctcagata	tatgctcttg	gcagaggtca	atcccttagg	142140
ctttttgtct	ttttgaccac	acatgctatg	atatagcatt	atcataatgc	agttttgttt	142200
cccggcacaa	ggaggagcaa	gcttctagca	gcagaaaccg	aactgctctg	tcttctgtat	142260
tgagagccat	ctgcagagct	ggtagacaca	gaagttgttt	tacaatttaa	ctatcagaag	142320
tgaggccaac	tgcatttaac	atgacagtac	ttgagtcccc	agtcttttgg	tccattttct	142380
acccatctaa	gttggcagtg	ggaaaacata	caggaaacta	ttttttcaac	agtattacca	142440
tgaaccatgt	ttttttattg	gtatttgatc	ttgacagggg	aagtaaaaaat	gcctgagcat	142500
tctttcccat	aatgtgggaa	ttgttttggt	aggtagcata	ttattttggt	ttttgttggt	142560
gttggtgtca	tcattttttt	gtttttgctt	ttctcttctc	taatctccag	gtagctggga	142620
aggaggtggg	aaattatagc	tttgctgat	agcagatacc	acactagaat	aatttttaagc	142680
attgcatatt	ttacatactt	tgttgaaagt	ccatcatgtc	cgtatttggt	agctctctaa	142740
agacatgcac	aaatttttag	aaagtatgcc	cataaaatgt	atttgataaa	taaaaataca	142800
atgggtccta	ctctacgccag	ctactaatgt	cttctggccc	tttttttagga	aatcaagttg	142860
acaaaggcat	ctgaggaatt	tgatttcatt	tttgttttgt	ttggattatg	tgagaaaaga	142920
acaataggta	tgagttcttt	caggcctttg	cttattttca	tcttggtttg	atgattattt	142980
ttagccctta	ccttgacttc	tttgcccttg	cctttatagg	actctgtctt	tctggctgga	143040
ctagggcact	gcagaagatt	gtgcctgagc	ttaggggtga	gcatacgaag	atgtggtgat	143100
gccgctctgc	tggttatgaa	ggattttaga	agttctgaaa	aatgttttct	cttttttgaga	143160
gttctccagc	aggtggtgac	cactgcactt	gaaacaattg	atattagaaa	agatgagctg	143220
acccttcttt	tgctctgtgt	gtttataatt	taatatagtt	acaagaagac	atctgaaacc	143280

ttatcccagg	ctggacagaa	ggcctcagct	gctttttcgt	ctgttggctc	agtcacacc	143340
aaaaagctgg	aagatgtaaa	gtatgtcctc	atttttcctt	gctcathtaag	tagctgacgc	143400
aaattaaaaat	gttattgttg	ttgcatctgt	ttcctgacct	tggctctagt	tgatgctagc	143460
tactcctgtt	agagtgaagg	agggcactcc	ttcaaaccag	tacctggaag	gctcatctaa	143520
ggctcttctag	gcctagcatt	ctaacatcaa	atgatcatct	gatgatcatt	taagggtgtt	143580
gaaaaattct	ggttgtgaac	ttctttgtct	tttttagttct	tcatgatcat	gcagggttaag	143640
tatgtctttg	gttgcaaat	tgtgattgtg	ggcagagcct	ggtgtgttac	taaggatgac	143700
tacaggagca	ctgaagtga	cgcttcgatt	cagatttggc	ttcacgttct	atatgtgaca	143760
ttttatatca	tgggtgtgatt	acaacatgct	catttgtgca	ctgttttatt	ctaactggta	143820
agctgtaact	atgttcatgc	ttaggccaaa	atcttgattt	tgagttgttg	cttttttttt	143880
ttttcattta	gattagtctg	cagagttttc	cttgccattt	ttataaaaacc	acttcacagt	143940
gctttttgtg	cccccttca	ctcatgtgga	ttaggatagt	gatgaaaatg	acaaatgtgg	144000
tttaagtcag	ctgtgcttct	gttggcatgc	aagatttgtg	tttaaaaaaa	aatgtctaga	144060
ttgcatggct	tctgtgtttg	catttgtggg	gaaagtgtat	atcttacaac	cagaatttct	144120
tggttgaata	gatttgggtca	atztatgtgt	tatactttac	acaaaaagaa	caaattcctc	144180
gctcattata	tttagactgt	cattgtctaa	gcataatgta	ataaatatag	ctttcttgaa	144240
ctcttttgac	aattatgtat	gtatctatta	ggtgttcatt	ttctctatgc	tgactgaatt	144300
gtgtgacagt	ttagagccca	gggaaaacat	tatatgttta	aaacttaggt	tatttaattg	144360
ttttagattt	atcagaactt	ctttcttttt	taatgcttac	tctggcttct	tacagattgc	144420
aagccttttc	acattccttt	aggtaaggag	agtttgaacc	atcactgcag	tccagcagtt	144480
gtataagaaa	agtgtgctga	gattagatta	ccatgctacg	ttggatgatc	gtgtttgtcc	144540
agtacataat	tttcttgctg	ttagagtatc	ttttctctta	gtgcattcct	aatttcaagg	144600
gagggtttct	tgtataccat	gggtagttga	taaattaaaa	gaagtatttg	acactgtggt	144660
tcaagggata	tggaaatgat	tttgacattt	cttttttact	tttttctttg	gtaaaaagaa	144720
gcagctttac	catggcatgc	aaaattcctc	ccttttaatg	tctgactttg	tttgttttga	144780
tgcttttgg	tctttggtag	ttttgtaagg	atgttggaa	tcttcacctg	ggtttctatta	144840
cacaattgta	acagactgca	tatgtactgc	ctcctgagt	tagtcttcca	tcttctattg	144900
gttactctac	cttttttttt	gttgttgtgg	taaaatatac	ataaggtaaa	atctgccact	144960
actctgcact	ttttaatact	tgttttacta	gcttataagt	tttatgattt	tattctttct	145020
ttacacttgt	tataattctt	atgtacacaa	ggcaacttca	tggtttgaaa	aagggaagaa	145080
aatattaagc	taaaaaaagc	acattaaaaa	gatgttagct	caaaccatgc	cttatagaaa	145140
gagactttgt	gatgttgagg	aaacctttct	ctttcccagg	cagactcttt	gattatctga	145200
ttagttgttg	gaggaaacta	aggtggagga	aagtctttag	agtataagca	ggaaggatga	145260
tatagtagtc	ttcatctctg	ttcctatgga	tgagatttat	tttcttaagc	aatcactcat	145320
ggtagtctag	ctgcttgcc	ttttaagtaa	gcaaaccagg	acttaaagct	cctatcttgg	145380
tgacacttac	ccttggaagt	cagagttaaat	tatagggata	tataaactct	aaatgttgaa	145440
ctattttaaag	ctaaaaattat	gcttaaaaaa	tcaagtaacc	aatgataggt	gatttgttat	145500
cgttggcatt	cagttaaaaa	gtgctataag	taactgaata	cagagccagt	cacatcacc	145560
attctgctaa	catttagagt	gtctactgtg	gacaggttcc	atgggcataa	ccataaagaa	145620
cgcattggct	ttattagaat	gaagcttaaa	atcttagagt	ggagtggggg	aagagtgggg	145680
acttgggata	agttaagaat	ggaagagcct	tatcagtagt	ggttataaaa	tggtcagatg	145740
gatgcaaa	tcagtgttaag	atataaaagt	aagggtctatt	gaggatgatg	tttcttcagt	145800
acatatcact	agacttttct	atacctttaa	agaatacctt	tctatacctt	aaagccatac	145860
ctagatatgg	ctcagtgtgt	gctgtcttat	taattcatca	gcaacaaatt	atgttttgca	145920
actgttttct	agctccttfc	acagtcaact	tgtccatttt	gtttaaaaaa	tataattaa	145980
attatgctgt	accattttca	gtcttgtttt	taataaatat	taagttttta	tgaatattta	146040
attgcccac	agtatgtagg	ggttaaagta	aggtttttga	ttaaaatttg	gaaatgaaag	146100
aaatgagatt	atcttttgaa	agttaaactt	tgtaattctt	gcaaatcaca	ggttaggtta	146160
aggcatttaa	aaaaataatt	tcaaggccaa	gaagtcctga	ttgtgttctg	atttaatgtg	146220
ttgacacata	taaagaaaa	ctacatcttt	tagattatgt	gagtcacaga	ggcaaatatt	146280
ggccacgttc	cctcaagaac	tacccaagga	aagggtgctt	aggctgtaga	tttgagtgtt	146340
acaattccag	caataagtc	ttttctccca	tggagggtga	tacagtaggc	tccttttgc	146400
aagtgtctag	aagttaggtg	ttagtcctta	atcccactca	ctgtttgttc	taggtccatt	146460
ttacctggca	aacttatgcc	ggtgatttta	ctccttaatg	taattatgga	tatagaagg	146520
gaaaatgcag	cagttttgcc	aacctgaatg	tgtagactc	agcaacagtt	tttattttac	146580
atagttagtt	gataaatcag	cacttgggat	ttagatattt	gccttatgcc	ttgattgagg	146640
ggaggggagat	gtataaggaa	atagagaaga	gagagagaga	gctgctcttg	atgtcctgag	146700
aatgaggtgt	ggtggttagca	aggccaagga	ggacgtggct	atgagtgtctg	tcctgggagg	146760
ccctctgggg	cagcctgctt	ttccctcagg	tgatatgctt	atatttcccc	tctgtttgca	146820
tatgttctat	gcctatgtga	aagtattgac	tcatgccttt	agcattttga	gggaaacttt	146880
aaaagaacct	tctcattgca	gtcagtgcc	gggttaaaca	taaaatttta	gtgttattaa	146940

aagcatacta	taatatccag	tagacacatt	tgtctcatat	ttttggtata	tttaagagga	147000
agtgtcaatt	aattttgcct	ttattttccaa	agaaaatttc	tccttttttaa	atgtgtgttt	147060
cttcatgtgc	ccctgtagat	atatttttgg	tttgggctca	ttaaagtcct	gctagacaat	147120
tcccttttgc	tgaaaacttc	caccacttaa	tgggaaaaga	aatgatctct	ttcctcgtgt	147180
cagaaaaaga	atatcttttg	attagaattt	gaaacacttt	aatgaacttt	tctctgtttc	147240
atgcccatat	tcccaatttt	agttatcaaa	attgttttatt	catttattca	ttcattcttt	147300
cactcaaaaag	tatttattga	gtgctaacta	tgtgccaggc	attgctgtag	actatagggg	147360
tggagctaaa	aaccaaata	atgctgaaat	ttgaaagctt	caatgtgaaa	tttgaaagct	147420
tcaacgtgat	atgcttatat	ttccctcct	gtttgcatat	tttctatgca	tatgtgaaag	147480
tataatatac	agttagtgct	aattcatgtt	tcaattaaag	catgtgttat	aataataatt	147540
aacattttata	agcccgagca	gacaatagta	cctcagaagc	agatgctatt	gttttttgata	147600
ttacagatga	ggaaactgag	ccatagagag	attaagtgac	ttccccaagg	ttgcacagca	147660
ggtataagtg	gctgatggtc	aggactggaa	ccgagcacac	ctagtcttg	agcctgcact	147720
gtcctcctgg	gcctccccag	agcagtgggt	gtttaagaca	gtgccctct	aggcactgtc	147780
cagcactttg	aacaatagct	gctgtgatca	ccaacatcaa	aagatttgtgt	gagggcaaaag	147840
tggaaataata	gtacatcaat	agctgtgaaa	agcatacgtg	gtatatagta	agcagtccaa	147900
catggttagcc	attaactttc	ccttctcctc	ctcccgctgc	tgctacttcc	ttcctttacc	147960
tcctcttacc	cctcctctc	ttattattat	tgagcatgaa	agcatcagat	aactgtttag	148020
aacaaggaat	atttttttaa	aatcaattca	gctgttttaa	aaaaatgact	ttttcaaagt	148080
aagagtaaat	gcagtgtgag	attgaaaagt	acttagtgag	aatcagatta	tcctgatttt	148140
ttttttcagt	gttttgagga	gcccattgtt	gcattcctag	tttgattaca	gattaatgta	148200
tttggggggt	acaaataaga	tgcaacattt	ttaacaaaat	gtgccttata	gatggtaacc	148260
gattcttaca	acctatctat	tagagatgat	tctgggtccc	tagcaacatg	actttttact	148320
tttgaagggt	tccatattac	atttaagctt	gaatgaaact	gaaaatgatg	agcaagttga	148380
agcttttgtgt	aacttgccat	agagaagcca	gaaatgaaag	aacagccacc	ctatagttag	148440
attacaacta	gttaccacaa	aaattgaatt	tcacttaact	atggattatg	gggaggatcc	148500
agcaaccaga	tagaattgaa	gctgatgtgt	gtcctcttct	ttcctactat	aaaatagcta	148560
ccataaaaagc	agagagacct	tgactttgac	tctgttaact	gatttttatt	tgtttaatgg	148620
gtatattttat	cttcaagtgt	gatataatgc	atacagaaaa	gtgctcaaca	ccaaattcat	148680
ttcagtgtat	tttttcacaa	aataaacagt	ctagtcactt	ccttgctttt	ccttatatat	148740
taccactgaa	acatatttag	taggtacatg	ctaggtaaaag	tggtatagag	cccaaccgat	148800
ccactgctgg	aggaaagtgt	attgtacatg	ggttcttagg	gacagtgact	agaattagct	148860
gtgaaattct	gaaatttgca	cttacttatc	cacctgtttc	cacattttgt	tgatactacc	148920
aaattcaatg	tgtgggtccc	cgggacaagg	aatattatcac	atattttggc	attaccttct	148980
ttttcagcga	tttctgccaa	aatgaatgtc	ctaattgaaga	gttttgatta	ttaggaacag	149040
aaagctatgt	aacttttagc	tcacctaaaa	agaagaatgt	gttgacacaaa	tacaaagttt	149100
ttttgtaatt	caaggagaga	aaagaaagca	aggccaggct	ccacccaaac	cagctccatc	149160
aactgggaaa	ttgaagttagc	ttctattatt	gaaaccaaga	aacctattcc	tcttccatcc	149220
tgtgtgattc	cctgcatgat	cacctctcct	gacctcatct	gctctacctc	tctgtgtgct	149280
tatattcgat	tctttctttg	ggaactgggt	tctctgtgtg	tctgtcagct	ttcacctggg	149340
cccaccagat	cctcttcaac	atctaagtgt	ccagcagctt	agtgtcctaa	ttacaatatg	149400
ctaggataag	agtcttaatt	gtcttcactc	cttcattttt	catacatctc	aaacaatttg	149460
taggccactg	ggaggttagc	agtgggtggg	ggtgctccac	tgatccacct	atcatatcag	149520
ttatggtaga	aggtgggttg	tggcaatgtg	actattccag	gcagcttcag	cagaagggtc	149580
tgaggaagaa	caggtgatac	ttagagtctc	ggtgttgtaa	atttagagat	tgggaccagc	149640
acactttgat	agatccaaag	taggaaaaga	attatcaaat	tcctcccaga	atagattatt	149700
atactcttat	accctaggta	ttgaccacca	ttgtaggata	gagagaatac	tgagttacat	149760
gcactctttc	ctgttatgta	agacatcaag	tacagagggt	tttaaataat	tcattgataa	149820
tctgtattac	acagattgcc	agcatatttg	acatatatca	caatcattct	ccatgttatc	149880
agatattaat	gcaaaattag	atttgaggac	ctacattgaa	gacacgttat	catttgtacc	149940
aatgagctct	ttaagaaaag	gaaatcataa	gcgcacaaaa	tatttaaata	taactgagaa	150000
ttaatacctt	gaacctatac	actttaccba	aaggaaagtt	tattttacca	agtcgtgcca	150060
gtgggtcaaac	tattataagc	atagtaacaa	tatttagcaga	atacaatcat	tttacgagcc	150120
taggaatgaa	ggcactctca	tctcatgagg	tgggtctttat	gggagatggc	taagagtagg	150180
taaccttgaa	cctgagtggg	cagtgaactg	cattgtcctt	gagtgggcag	ttgcctcctt	150240
gtcttactaa	gagcccttcc	ctggccttgc	ttgtgtgtgt	atgtgtgtat	gtgtgtgtgt	150300
gcatgcttca	tttttgaggg	gaggcgataa	acactgaatt	agacccaagt	tctattcttg	150360
attctgctgt	gacctacggg	aactcattta	acacctatat	gccttacagc	tccgggtgaa	150420
agcacttttag	ttttcaaagt	gctgtaaaaa	tgcaagggtg	tattgttagc	tctagtaact	150480
cctgggaatt	aattggctcc	tgaataaaaag	taaattatgt	tggaaataact	ttgatccctt	150540
ccacctcaaa	aagtaggtaa	ttcttcatgg	cgccaagaga	ataaagctcc	tggggagcta	150600

agttttgtca	gcttttaata	atgttgaagc	accactatac	taaccttatt	tctatctctt	150660
tttaagtctg	cctcttagta	tacgttccat	tcagcattca	attagcatgc	ctgctatgag	150720
gtaaagtata	tttttatgaa	atgtagtgg	tcttatgctt	tatttttctt	tatttagatg	150780
tttaacttga	actgttctga	attagggaa	tagaattccc	cttgaaacaa	gctgtgtgtt	150840
taacactcta	tcagttttca	gctacacttc	ctctgatggt	gggatgggtg	caagagatcc	150900
gttaaagtgt	ttgattttgt	ttttaaaaa	attattttcta	ttttattttg	taaaaccttt	150960
gtttcctgtc	tgaaatctgt	tcacaaagt	agcactactt	gttaacaaac	cttcttttgt	151020
cccgccacct	ctgtctgcat	tcgctttagt	tacattcttc	ttttcttcat	ccttcccat	151080
ttcacttccc	ccatcccact	gtgacatttg	gagccaaacta	tgatttaatt	ctactatctg	151140
ctttcattag	cacttgcaag	tgatattacc	tcacctaac	tctctagaga	gttagaggat	151200
ttttaacaat	ctgtgcttgg	cttaaaactta	agtgtccatc	aaaatcactt	ggagtgtctg	151260
tgaaaccgct	gcttgtctgg	ccccacctct	agagcctctg	atcctgtaga	gttgggggtg	151320
gacctgaaaa	ttggcattgc	ttatgacttc	ctgatagctg	cagcagcagc	tggtctgggg	151380
cccacacttt	gagagctgtt	ggcttaactg	ttctgccatc	accaccgtgg	gaaggaagaa	151440
accccttttc	ctttctttgc	atttttcatc	ttggtagtag	gaaggatatt	caaggtcagt	151500
tggaataggat	aacagcattg	gaaacctgt	ttccaaagcg	cctttgtgag	agacaaaggc	151560
gctatgatcc	tccttaatta	atatggatag	atgtgaatgt	aacatggatg	aatgaatgtc	151620
ctgtgggctc	agcgtgctct	cctcatcctt	tgggacagag	ttgtgaagta	ggcaaagccg	151680
tttctatgct	tctccccctt	ctttttggtc	.cctgctttcc	cagtctatta	tgctgctccc	151740
tgatattgaa	cctcataagc	ttgtcccact	taggtgatgt	gtgttcatgt	agaaattctg	151800
ccagggaaga	tgtgaatcaa	aatagggatt	ttagagcgta	gtaccttaac	caaaattaaa	151860
ctgatctaata	ggtggcattt	tcttgtacca	tgacaagttg	gttggggaag	tgacagaatt	151920
gctatttttac	ccggtctcgt	tacctctcct	tacacacgta	cttgaccata	tctatattac	151980
ttatgtctga	gactggccct	gttcatggaa	tcaaatgcat	actcttaaaa	tattagatca	152040
gaaatttgaga	atcttacatt	ataaatactt	gtatgtacct	gcacatatat	ggtacagatt	152100
atatctgttc	ttttgcccgt	tgagaataat	gttgaagagg	aatcaattat	attttcaaac	152160
tagttggatt	ttttttcagt	atttgtattt	actatttgtt	tttcttttct	ctccatagaa	152220
actccccaac	ttttaaatca	tttgaagaaa	aggtcgaaaa	cttaaaggca	agtagagaga	152280
tgaacagggg	ctttttgata	cattgcctgg	tgtcttaatt	aactttgctg	tgcgaaaatc	152340
attgacatta	atatttcttt	ctaaaaatat	ctaaagaatg	taaataactt	tactccttat	152400
gttactagt	gacatttaag	gtgttatgta	cttaatatct	ttttagtgt	tgctgtagt	152460
tggcagcatg	ccacatgctg	aaaggaaatg	tacaattttac	aaagaaatgg	cacttttagaa	152520
atttgtgctg	ctttttgctt	tattcatttc	aagtaccttt	gtaggtggac	aaaatttaat	152580
ataacttttc	tgtcaacaat	taacaagaat	ataggaagca	caagaaagaa	aacaaaaaat	152640
tggtcctacc	actcagacag	tgatagatgt	atgtgctatt	atgctgttac	gctttaaaaa	152700
agaagtggcc	atacatcata	atcattttcc	tgtatcagta	agtattctct	ttcaatatta	152760
tgtgcaatgg	ctgcttgat	attacttttt	ttttttttga	gatggagtct	cactctgttg	152820
cccaggctgg	agtgcagtgg	cgtgatcttg	gctcactgca	acctccactt	cctgggttca	152880
agcgattctc	ctgcctcagc	ctcccagta	gctgggacta	caggcgctg	ccaccacacc	152940
cggctaattt	tttgtatttt	tagtagagat	ggggtttcac	tgtgtcagcc	agaatggtct	153000
ccatctcctg	acctcgtgat	ccgcccgcct	cggcctccca	aagtgtctgg	attacaggtg	153060
tgagccacca	tgcttgccct	gtattacctt	ataatggata	ttattttgtt	agtcctcaat	153120
tgttggacat	tttttttatt	ataatgatgc	catgatgatc	gtttatgatt	cactgttttt	153180
attttttgat	ttcttttgatt	ttagtggagg	tgaacatttc	cccataataa	tgagctttat	153240
tgatttgtaa	attatattat	ctttgagatt	atattcaaag	ctataaaatc	atcaactctt	153300
aggatcacag	gcaacctcaa	aagtgtgcta	gttcccatct	attcctcgac	cctctctacg	153360
gagtttgtat	aaaacccata	ttttcattac	ttcctaactc	tgataattat	aggggatata	153420
ttttaaggat	taaaactagt	atcttaaatg	tttttatatc	agtcagttta	aaaactaata	153480
ttcagtttag	tctttcagaa	ctttgagtca	cgaaatgcat	ctttaaaagc	agggtagatt	153540
tattgaaata	aaacactcta	cagtgatctg	gatctttttt	taattttatt	ttttattata	153600
cttttaagtt	ctgggataca	tgtgcagaat	gtgcaggctt	gttacatagg	tatacacgtg	153660
ccacgggtgg	ttactgcacc	catcaacctg	tcactcatat	taggtatttc	tcctaattgt	153720
atccctcccc	taccatccca	ccccctgaca	ggcgctttgg	tgtgtgatgt	ttggatcggt	153780
ttttttcttg	aacatacaaa	cgttagtaca	taccttttct	gtttgtatgc	agacatatga	153840
atgttttttc	agaagaggag	ttacactgta	cacacacagt	cctacagctt	attcattcag	153900
ccctcactag	cagggtgctt	tgtgagccat	aaatgcaggg	acctgttctt	tttggtcact	153960
gatacttctc	aaaggcttag	aacagtctt	ggcacattgc	tcaatatgca	tctgatgagt	154020
aacaatatat	ataagagtca	ttcttctatg	tcatttcaag	agacctgctt	tatttttctt	154080
agtgccaaagt	catatatattg	aaagcaaaact	gtagttgcag	gaagtcaagg	attactaaaa	154140
ttcagttctc	aatattgtta	ggactgttat	agcctttcct	tgaaatctgc	cccaagtgtt	154200
aatttttgaa	atggcaaat	ggaaaaccag	gaatcttatg	tgtttttgac	attggacatg	154260

aggagaaact	tccaggtcac	tcactatata	ctctcctgaa	tatatattaga	ttctataaat	154320
tgtaatgaag	tctgtcttaa	aatatgacta	ggcaccattc	agattaaaaa	gtgtaattta	154380
aaaacataca	atatgttggc	tgggcgcagt	ggcttacacc	tgtaattcca	gcactttgtg	154440
aggccaaggc	aggcagatca	cttgagtcca	ggaatttgag	accagcctgg	gaaacatggc	154500
aaaaccctgt	ctctaccaaa	aacgatagaa	aaattagctg	atgtgttggc	atacacctgt	154560
agtcccacct	actcgggagg	ctgaggtagg	aagatcgctt	gagcccggga	ggcagagtga	154620
gcagcgatta	tgccactgca	ctccagcctg	ggtgacagag	ccagaccctg	tctcaaaaaa	154680
aaaaaaaaaa	aaaaaaaaaa	aggatagcgt	atataaacaga	tacccaagt	atcctaagga	154740
agctgtaaaa	ttacatgctg	gggatataat	tttggttaaat	tacatttata	tttaattaaa	154800
catgaggtcc	atttagattt	tgggttgatt	cattcatctg	tgattactga	gcatttgcca	154860
tgtgccagtc	aatcagttat	aggcaccaga	gttaccacag	tgagcaagag	agacatggac	154920
cccttctgca	agatgcctag	acaattaaat	ggccaatgaa	actaaagtga	ggtaagggtt	154980
ctgatgtgaa	aagctgaggg	tgtgatgagg	acaagtggca	gaaagttcac	ctggcttggt	155040
ggaaggggaag	gtcagagaag	acctcttaga	ggactcagta	atgtccattg	aggatttttag	155100
gttgaaggga	atgtttgaag	tttgagggcc	cttttgagga	ccaccaagaa	cttcactgtg	155160
ctgtaggata	ttgagcagga	ggtgaagcta	gagagatgtg	taggccacat	tgcagagttt	155220
gaacttgggg	caatgggaag	ccattgaagg	gttttaaaaca	acccaagtgg	tgcattcttc	155280
tgtaaatggt	agagagatca	gtggctgccc	tgcacatcaa	aggggagaac	gattggagac	155340
aggcagatta	gatggaagga	cggagtgtga	ctccaagcca	aagatgatgg	agagtgaatt	155400
aagttagtgc	aatgggacca	agtctagagc	tatttagaag	tgagaagtga	cacggaaaaa	155460
aaaaaagatt	gattggatgt	agaacaagtt	ggataagaat	ccaggacaac	cccagggtgc	155520
aggctggggc	agctaggtag	gtgctattgc	catataaagt	gttaaaaaag	aatagagaag	155580
gggctagtgt	tcgggggaag	gagttcagtt	ttagacatgt	tgaactgcaa	ggagatttga	155640
tactataaatt	aaggaatgtg	ttttaataaa	tttaataaac	aatgaacaca	cattattcgc	155700
atttcccaaa	caatttggtg	ggtagatcaa	aaagaatgag	agtgaataa	aggggtctgt	155760
gaccattcaa	ttaagattga	gctaagagca	aggccaagtt	caaaccact	ataagcttct	155820
tgcattccat	gtcactgact	gttttcttac	gttagctgtg	cctgttgagc	agtgtaacag	155880
tgagagagca	tatacagatt	agcattgaaa	aggataaagt	gacatgtgta	agggttttga	155940
aaaagtatta	tacaaatgca	aggcagatat	attgaaataa	atgcttattg	gcaaaatttc	156000
aggccagata	ggttgaggta	gtgcttcaca	aactataatg	tgacatgaa	caactcaggg	156060
atthttgttca	agtgttgatt	tcaattctgt	agctggagtt	gggtggggta	gaaaggatat	156120
ctgagatcct	gcattttctaa	taagctccca	ggtaatgttg	agtctgtagg	tccttgaacc	156180
acactttaag	tattaaaggg	ttagaaagct	tatactgtaa	ctgagaaaaa	aacatatatt	156240
tcttttcccat	ggtgtattca	atatttcttg	aatgagtgtg	gctaaatgag	caattcgatg	156300
caatacaaaa	tgttatgcaa	gtgtagagac	agacagttca	ctaggtactt	taaaataata	156360
gaccttacaa	agttttctag	acagacttcc	tgtgaagaac	aaggagcagg	gggaaagggg	156420
aaggggtaga	atttaccaat	ctgaatattt	cagcaaggga	gaatgcatga	gttttactat	156480
aaaaccacac	tgaacattgc	aacaatacta	aattccatac	atatataata	atcactgagc	156540
tataaggttg	ctgatgtatt	tgttcttgaa	agtgaattag	agttacttta	tgcagaatca	156600
gctagtttta	tgtttcataa	tgtctttccc	ttttttgaac	ttttttttaa	gtctaaagta	156660
gggggaacca	agcctgctgg	tgggtgattt	ggagaagtct	tgaattcggc	tgcaaatgct	156720
agtgccacca	ccacggagcc	tcttccagaa	aagacacagg	agagcctgtg	agattcctac	156780
ctttgttctg	ctacccactg	ccagatgctg	caagcgaggt	ccaagcacat	cttgtcaaca	156840
tgcattgcca	tgaatttcta	ccagatgtgc	ttttatttag	ctttacatat	tcctttgacc	156900
aaatagtttg	tgggttaaac	aaaatgaaaa	tatcttcacc	tctattcttg	ggaaacacc	156960
tttagtgtac	atttatgttc	ctttatttag	gaaacaccat	tataaaaaaca	cttatagtaa	157020
atggggacat	tcactataat	gatctaagaa	gctacagatt	gtcatagtgt	ttttcctgct	157080
ttacaaaatt	gctccagatc	tggaaatgcca	gtttgacctt	tgtcttctat	aatatttcct	157140
ttttttcccc	tctttgaatc	tctgtatat	tgattcttaa	ctaaaattgt	tctcttaaat	157200
attctgaatc	ctggtaatta	aaagtttggg	tgtattttct	ttacctccaa	ggaaagaact	157260
actagctaca	aaaaatattt	tggaaataagc	attgttttgg	tataaggtag	atattttggg	157320
tgaagacacc	agactgaagt	aaacagctgt	gcatccaatt	tattatagtt	ttgtaagtaa	157380
caatatgtaa	tcaaacttct	aggtagcttg	agagtggaa	ctcctatatc	attatttagc	157440
accgtttgtg	acagtaacca	tttcagtgtg	ttgtttatta	taccacttat	atcaacttat	157500
ttttcaccag	gttaaaattt	taatttctac	aaaataacat	tctgaatcaa	gcacactgta	157560
tgttcagtag	gttgaactat	gaacactgtc	atcaatgttc	agttcaaaag	cctgaaagtt	157620
tagatctaga	agctggtaaa	aatgacaata	tcaatcacat	taggggaacc	attgttgtct	157680
tcacttaatc	catttagcac	tatttaaaat	aagcacacca	agttatatga	ctaataaac	157740
ttgaaaattt	tttatactga	ggggttggtg	ataactcttg	aggatgtaat	gcattaataa	157800
aaatcaactc	atcattttct	acttgtttct	aatgtgttgg	aaactgtaaa	atgatactgt	157860
agaacctgtc	tcctactttg	aaaactgaat	gtcagggtcg	agtgaatcaa	agtgtctaga	157920

catatattgca	tagaggccaa	ggtatttctat	tctaataact	gcttactcaa	cactaccacc	157980
ttttccttat	actgtatatg	attatggcct	acaatgttgt	atttgttatt	tattaaattg	158040
tgattgtttt	attattgttt	atgccaaatg	ttaactgcc	agcttggagt	gacctaaagc	158100
atTTTTTaaa	agcatggcta	gatttacttc	agtataaatt	atcttatgaa	aaccaaattt	158160
taaaagccac	aggtgttgat	tgttataaaa	taacatgctg	ccattcttga	ttgctagagt	158220
ttttgttagt	actttggatg	caattaaaac	tatgtgctat	cacatgtgaa	aagcttaata	158280
aattccatct	atcagtagta	taggtctcaa	tatttattat	gagaccagtg	gtctggaac	158340
agcttgttgt	accgaatcaa	ctggagtcta	tgcttaaaaa	aaaaaaattt	ttttttaacc	158400
atccttaaat	tattgcttaa	tggtatcata	ttaacatatt	ctaaataagg	gctttaaggc	158460
acaggctgtt	gaagcatttt	ctcagaggag	tggtatctgta	gaagtctgtc	tttctataga	158520
aatattgtgc	ttactcaagt	gttaaattat	tttttctatg	aactagtcta	cttcttaaaa	158580
ttcaaacata	ttcttttgat	cacattgttt	cttgagcatc	ctgccctgct	actaactttt	158640
caacaaggca	aaatggagta	aagtggcaat	ttcttttagat	gagtgaata	ccctcaagtc	158700
tcttttctgc	ccaaaaaggg	aaaagtgata	gaaatggggg	tggaagtgg	ggtagagtga	158760
tgaagggtgg	tattgggggt	ggctgtgaaa	gaaaataatg	gagaatcact	tttctagaca	158820
tctacctata	cttaatctaa	gaaacaaagt	aatctactgt	aaagtactct	gccccttgaa	158880
agaagtatta	aaaagagtga	ggatggattt	agaaaaaac	atgaatttag	aaatattcaa	158940
aatggttttt	gtggcagatt	caatattatg	aattcacaga	tatttaaaga	atgagaaaca	159000
tagtaattag	tagaaatgcc	agaaacagtt	cctggttcct	cttgtgtttg	acactaagaa	159060
aatagcaaga	gtgtgaaatc	tcagatactt	atgaaatctc	acagatgtaa	ggactcaagt	159120
gtagaagaaa	atatccctt	cttacaaaa	gaaatgtcaa	tttatggagt	ttgtgggaaa	159180
tagggcaaga	attcttatgc	ttatgagagc	caagtagtca	gtggaagaga	gtagagctca	159240
aaactggatt	atcaccttag	caacttagaa	tagtttgaaa	tagaaaaaaa	gtattttaatt	159300
tggatctgga	tctgttaaga	tatgcacagt	ctatTTTTTg	tatagtattg	gaaaaataaaa	159360
atgctataat	ttgggtatgg	gttcttttgt	atacattacc	tgccatttga	ggaaaggggc	159420
aagtcattta	tgcaacttct	ctccaaacct	ttcatattct	ggatatgata	cttaaagagc	159480
catgagcagc	tacattctgc	ctatcagaag	gcatttatta	aatgactgct	tgctgaagat	159540
gtgtccaaag	agatccata	ttaaggatcat	ttgtcagaat	gatgtttgtg	tttgtttaga	159600
gttggtgac	ctccaaactc	tgggtcgaag	gaatcctact	gccttagctt	cccaaatagc	159660
taggactata	ggcatgcacc	cggccatgtg	ttttatTTTat	agctcttaaa	gcccagatga	159720
agaaatcaca	tttttgccca	tagtgaagaa	acatttggcc	attgattagt	ccttattttc	159780
agtgactgtc	ctgttttcat	tagattagag	agaccctgtg	tggggcacag	ttaatataaa	159840
ccattatcac	ttttaagtaa	acctgcacat	cttagatttc	ataatttctt	tattgttctg	159900
actcaaaatg	aactaagagc	ttttcacttt	ttgtttgtaa	gttctcagag	agtcgggtct	159960
gcaagtgcct	ttgcctgcca	ggattttgta	ctcaaaataa	tgctatttgg	caactaaaa	160020
tcttgccagc	tctcatgtaa	ttttgatgtt	actgaggttg	gttggtagtt	tattttatta	160080
atTTTgtggt	tcttctatca	tatagaaaa	gccaaataca	gttttggttg	aatatttgta	160140
aatggacgtg	atctttcact	ttaccactct	ccagcatgct	ttaaagtttc	tccttggttt	160200
ctagaattga	ttctctgttc	ttattttcca	ttttgactat	tttttagtat	tagaattctt	160260
ccagctccta	aatgctattg	tctatctgtt	gttatcttct	acatgatccc	cttaatgatc	160320
ttatccattt	ctatgggtga	aatgactatt	tttagagtga	tactaatagc	ttcccaaccg	160380
gtatctccag	acttgttgat	ggtggtggcc	ctccttgagc	agctgctgca	aggacaccag	160440
ctgcagcaag	ggaagcatgg	ctggggggtt	gcaggctctg	cagaagtggc	aggggcccgc	160500
aatagggtgat	cccagcagga	accctgcctt	accatgttgg	cagggcagga	gcttgtgctc	160560
ctgggtgcag	ctgcagccac	ccagctgcag	ctccagatcc	aggcatctgt	gtgctctcgg	160620
gggcctggaa	agtcccctgc	ccatgcaggc	ctggaagtgc	ctgctccagt	tcggagcaaa	160680
gttgtggctg	agcttgggtg	ctgtcacaac	ctggccaggt	gtgtgcatcc	tcagggtggt	160740
gctgacatgt	caggttcctg	ctacctcggc	ccccctccaa	ctatgggcac	cagtgagcat	160800
gggagggtgg	ccaggggctg	agggtagctt	ggtgtggaca	gcctgggtgc	tctggatggc	160860
atgttgatgg	tggcaggagg	caggttccta	ggagggaagg	ggtgggtccc	tgttgaaacc	160920
ccaccctcaa	gccagggaca	gcctgaagcc	tgggggcccag	gctgccagtt	ttaggtagag	160980
cccacaacct	agagcgagaa	ctctattaat	gcatttcggc	taatcggatg	gtgttttttc	161040
caggccacc	cttctccat	tctgagcaca	taaaaacccc	acactcagcc	agactcaaca	161100
ctcatcagga	caacctgcct	gcagaaaagga	ccactttggg	tctcctgagt	gctgttctgt	161160
cattcaataa	cgctcctctc	tgcttgtctc	accctacggt	tgtccatgtg	acttcattct	161220
tcttggaacac	aggacaagaa	ctcaggacct	gctgaacagc	gggagcaaaa	ggaactgtaa	161280
catgttctctg	gctggcttgc	caagctgggg	cggtgacacg	ctcccagact	gcaggagaga	161340
agagtgggtga	cccttctggg	gacccagacc	ttgggattcc	ctgagccaga	gctgctataa	161400
cattatagcc	ttccacacct	taccggcac	cagacagctg	ccccacatga	caggaggcag	161460
cagcagagcc	aggccagctg	aggagccatg	ggctggagtg	gggtgggtggg	actgaaagag	161520
ctgtaacaca	aacgggctga	aacaaccccc	caacaatgtc	cccccccaa	ccccctccc	161580

cgccccgcg	gtcaccacat	tgcaggcaac	gagaagagtt	gagcccttct	gggagcccac	161640
accttggggt	tccccaagcc	agggtgtga	catgctgtaa	caccctcttt	gggactctga	161700
gggtgtctggc	atctctgagc	ttttgggttt	taccacgttt	cccttgccca	gacactggtg	161760
cctgcagaag	ctggttgtgg	tccatctggt	ccagctgcag	ccttgcacag	agccggtgcc	161820
tgtagctgct	caccctgctg	cagcagctgg	tgtgcctggc	tgggcgcagt	ggctggaacc	161880
tgcactcact	tgctcacgca	cccctcacca	gcccattgct	ggctcaccct	tggcaggtgt	161940
gggatctggg	ccagcagcac	aagatgagca	cagcctactg	ggcagagtgg	gcagaatgag	162000
cccagcaggc	atgagcaaaa	ctccagcaga	ggcgctgcag	gccatggaag	tttccagctg	162060
gtgaagcgac	atcctaagaa	ctttgtgaca	ctatcctttc	ttcttggttt	gcacacatgg	162120
ttgaggcatg	aatttctagt	aaactcatgg	tcacctccac	ctagccgtca	atagctacta	162180
ttcathtaag	gcccaggcat	cttactactca	tcacctttaa	ctctttactc	aggcatgtgg	162240
cagtgtcacc	atthttataga	taagaccaaa	gccagtagct	gtaaagtatt	aggcttgaac	162300
ttagcagtag	aatgaaacta	ttttctgttc	actttccttg	gcttttttga	ggtgggggtc	162360
tactgtgtt	gcccaggctg	gccctaaact	tctgggctca	agcgatgttc	cctcctcagc	162420
ttcccagagta	gctgagacta	aagggtgtgca	ctgctgcccc	gccaggcctg	tatttaataa	162480
agcaaggagt	ggttacagca	ggatcagaat	ccttaagatg	gcgtatgtga	aaacatcact	162540
attacagagg	atgctactct	tggcacttgt	ataggcaagg	agaaagtatt	gcggacatcc	162600
ccctattgac	ttgttcagtt	ctttacagtc	cctctcattt	gatgcttctg	atcctctacc	162660
aaagacagaa	ctaaggccaa	atthtgaagtc	atthtataca	aacttactca	tttttttttt	162720
tttttttttt	ttttgagctg	gagtctcgct	ctgtcaccca	ggctggagaa	cagtgggtgtg	162780
atcttggttc	actgcaacct	ccacctcctg	ggttcaagtg	attctcctgc	ctcagcctcc	162840
tgagtggatg	ggattacagc	catgtgtcat	cacgcccagc	taatttttgt	atthtttagta	162900
gagacagggg	ttcaccatgt	tggccaggct	gatctcgaac	tcctgacttc	aggatgatctg	162960
ccctccttgg	cctcccaaag	tgtctgggatt	acagggtgtga	gccaccacgc	caggggtgtg	163020
tttttacgga	tacttgagtt	ttgcactttt	cacccatgct	ggagtgaagt	ggcaggaaca	163080
tagctcactg	cagcctcaaa	ctcctgggct	caagtgtatc	tcctccatca	gcctcccaag	163140
tagccgggac	tacaggcatg	caccactgcc	caggctgat	ttttctattt	tttggtagag	163200
actggttctt	gctatggccc	aagctggtct	cggactcctc	atctcaagca	atcctccctc	163260
ctcaacctca	caaagtgtg	ggattacaag	tgtaaagccac	cctgcccagt	cagactgagg	163320
gttcttgaag	accactggcc	atgctcttta	caattttacca	cactttctcc	tgaaaaaaag	163380
tggaaagtagc	actatccgta	gaaaataatg	ttctaggcaa	gagtccatta	atagtctcgg	163440
gagataaaca	gttttaactg	ccaagaggga	gaactcacct	ggagaattta	atgaatttgt	163500
aaggactacc	atacagttag	ctagtaataa	ttttatgtga	ttcatacaat	tgtgcaccat	163560
tctgagatca	gtgtacttcg	tgttcttaac	actatctgta	ccattagaga	gcatacagaa	163620
agctttaaag	ccatagtcaa	ggcattctta	aaatagggtc	tgtgatcata	aaaattcttt	163680
ctctcgaagt	acttgcaaat	gaactggaaa	ggtgtgtgcc	ccaaaaataa	aactaactgt	163740
ggattaatat	taaaactgtg	ggtcaaagat	agacggacaa	ctaatttaata	aacacttaag	163800
aatgatgtta	ggctgttttg	aacagggtgg	gtaaattttg	ggaatttaaca	ctgcaggaga	163860
aaagggaaag	aaaatccaga	gtgagggtgg	gggcctacgg	cggtgcaata	cttagggaca	163920
ttccaaaact	tctgaactcc	taagtttagat	aatagggtatc	tagagggtgc	aaaacatttc	163980
agaaaaacta	tttttgtggc	gtgagtggac	tggctgcaga	agtggcaaag	gacaaacttg	164040
gatgcagggt	ttggcaaatg	ttgggtgagc	cctaactctgt	gcctggtgct	agggacccta	164100
cagcaaagtt	cctcttttca	aagtttaaaa	agttgggagt	agacactaaa	tattattaaa	164160
tatttaatat	taatatgtgg	catattagaa	agtgtacat	ggtactaaga	aaaacaggtg	164220
ccagagagtc	tgcatthtggg	cttcactttc	taaataagggt	aatcaaggag	accctcatat	164280
ttgagtgaag	accccaaact	cgagtgtctg	cggccatgta	gggggggacgg	cagggcgagg	164340
gaacgagcgt	cgcttagca	gaatttacag	tacaatgggg	tccaacggat	gcccaggaag	164400
gcgaaattcc	tgcaagttaa	acgcacttct	aacgcaaaac	ttaaccaggc	ccctttccaa	164460
ctatttagcc	caccaatttt	agcttaagtc	tcttcttccc	cacgccactc	ccagatgaaa	164520
ggaagacacg	cctcggtggc	ctccagagct	ctgcgtccgg	ggggcgggacc	tctcatagct	164580
ccgccccgtg	accgcgcgcg	ttgcggaggg	gaggtcaaag	gtcagaggta	aagaagtcat	164640
ggcggcgctg	tgtcggaccc	gtgctgtggc	tgcgagagc	cattttctgc	gagtgtttct	164700
cttcttcagg	ccctttcggg	gtgtaggcac	tgagagtgga	tccgaaagtg	gtagttccaa	164760
tgccaaggag	cctaagacgc	gcgcaggcgg	tttcgcgagc	gcgttgagag	ggcactcgga	164820
gcttctacag	aagggtggagc	ccctacagaa	ggtggagccc	gggcgggtga	gagggagtcg	164880
cggaatttac	gccaacgacg	cggtgggagg	ggtcggaat	agggcgagg	cctggcttag	164940
gaaggggagc	tgaggtccgg	ggcccagttt	tccggagttg	cggtgcgttg	tggctcagcc	165000
ctcgccccc	agaatctgtg	cttggtgttt	ttcttctttt	cgttgtcctt	ttgtgtggca	165060
tttgcgtaact	gggcccgggtc	tgtccacact	gcgcttgttt	tcctgggatt	gaatgctggt	165120
gggaaggtaa	ccagcgggga	gcgctgctgg	ggaggcgatc	tagggcgatt	cctgggacgc	165180
taaggagaat	gggactcaca	cggagaggca	gggctctgct	gggtcttgtt	ctgaacagta	165240

gctctagcat	ggagcttgct	gtctggagta	gaaggccctt	cataaacatt	tgtaatttta	165300
atgactgggt	gatgaatcac	tttctgaact	tgggcaagt	atttaacttg	tcagcgcttc	165360
acctctcttt	tgtaaatgtc	ttcttttttt	aaaaagtaaa	gtaaaatctc	cgtttgtctc	165420
agccagtact	tttgtaaaat	accataaatt	tatagataaa	tgaaatggaa	gaaataaaat	165480
tacaagccta	agtttttaat	aattaaactc	agcagacatg	aaattgaatt	atatacaaat	165540
aaactctcaa	tttctgtatt	tttcttctta	gggagtagta	ccaaacagtt	cacaagactg	165600
gcagtgtcct	gggttatagg	gtcatttttag	tagcaattac	tgatgtcaaa	atttttctga	165660
aatccaagga	ctagaagaag	cctggatat	tagtttatta	ttttctgttg	taacaaatta	165720
ctacaaatth	agtggcgtaa	aacacaggaa	atgtgttggt	gttaggggtg	tgagaagtca	165780
gacgggatct	gtctgttcta	aaatcaaggt	gttggtgaag	ttgtgttctt	ttccgtagct	165840
tctaggagaa	tctcttctcg	gcctgtcttt	tctgcctctg	ttttctactt	ttttgttttt	165900
tggatttttt	tgttgttttt	gttgtttttt	gagacaggg	ctcgctctgt	caccacgct	165960
ggagtgtggt	ggcatgatct	cagttcactg	ctaaaccccc	tgggctcaag	tgatcctcct	166020
gcttcatagc	tgggaccgca	gggtgtgcacc	accactctgg	gctaattggt	ttttctgttt	166080
ttttttgtag	agatgggggt	ttgccatggt	gccagggctg	gtcttgaact	cctgggttca	166140
agtgatcctc	ctgcgttggc	ctcccaaagt	gctgggatta	cagatgacag	atgtgagcca	166200
cctggcctgg	ctgaccccg	cgggccccgc	cccccccgcc	cgcttctctg	ttttgagatc	166260
cctgtgatta	cattggcctc	cctagataat	ctatttttaag	atcagctgat	tagcaatctt	166320
aattccacct	gcaaaggtaa	ttctcctttg	ccacggaagg	taacatatct	acaaattcta	166380
gagattagga	tgtggatgtc	tttgtagggg	gagggggcat	tattctttct	accatatatg	166440
gagaagtcac	aaaatactag	cagaatagcg	atgattgacc	tgaagccacc	taagggatgg	166500
attttagatc	catccttaag	gtaaggccat	aagagttaag	tgcagtaagg	ttggaaacat	166560
agagttcagt	gtcccttccc	aaatatatgt	ataggaaagg	agtttttcta	tttcttacct	166620
aatattttct	actcacgctt	cgctcccatt	cataccacat	tctaagcccc	ttcggaacc	166680
ccccaaaata	attctcaatt	gctgagttaa	ctgtggtaag	agtgaataat	gtagcatcac	166740
atgtatagta	agttaagtgt	ttgaaactaa	aaatgtactg	tttatttaat	gaaggaaaca	166800
accaagggtg	tttagagctc	ccagaattcc	cttctcttcc	cttttctctt	tcctttcctt	166860
tccaaggcag	ttctaattgg	gctgttcagt	ttttccagga	ggaggctggg	gtgtttcctg	166920
gcagtcccag	cacatccggt	agattttctc	agtccagctc	aggctcagca	gcatctctgc	166980
accctgcgtg	gttgttctcc	gtctaacaca	gtttagaaaa	cattattcta	ctagatgatg	167040
ggtaaatgtg	tttggttgtg	atgtacagtt	caccaatttc	ttattcacia	gtctttgaca	167100
tcttggttta	atggaaataa	aattccctgg	ggaggaggat	atcaggaggc	tgtgtttag	167160
tctccgttca	gcaagttctt	agctttgaag	catttgaagt	ttacgtgaac	ccctttactc	167220
cttcttaatt	gataccactg	acttcagttg	ctccctgggt	caggctatta	cacacactgt	167280
ggatcaagtt	atcttccctaa	agttgggctc	tataatcaga	cttaatgagg	ttatttactt	167340
attgctctcc	ttgagaatct	tctaaccctc	cattcacact	gcctgcaaga	ttaaatatac	167400
aatggtgcat	ctctctactg	tggcttcaga	ggcctactgc	cattcaagac	cctgcttggg	167460
ttaaaagctt	cggctcagtt	caggtttcca	gtttctgcca	tctttcaact	gagtgacttt	167520
gggcaactta	cttagcctat	ctaagtttgc	tgtcttatct	caaagtggag	ataatgcttc	167580
aactggagtt	actgggaagt	ttatgtgaaa	taatacatth	aacgtgctct	cagtacattg	167640
actggtacag	agtaagcttt	attcagtgca	tttttagctt	tatgtggccc	cagccgtttc	167700
ttctccagcc	ttctgccttc	ctgagaatag	tttcacagag	atgcttccac	aattacacag	167760
ttctttgaag	tcccattggt	ttcttaataa	tgaactttaa	tttatcaaac	cgtgtagatt	167820
catctcttgt	aactgatgta	ccgctctggt	gggggatggt	gacagtgggg	gaagctatgt	167880
gtgtgtcagc	acaggagggg	tatgggat	ctctgtactg	tactctcaat	tttgctgtaa	167940
acctaaaagt	actctaaaaa	ataatttttt	ttcttaatga	atgaatataa	aatgctattt	168000
aaaaacataa	ggcagtatat	gctctaacta	gaggttgagc	tgtgtcattc	aaagagacaa	168060
taaaattaag	tttttcatgg	caaaaagccc	aaaaccaaac	aaaaaacacc	agaaaacaac	168120
catgcacatg	ccattttttt	taatcccaaa	tgtaaggaca	ttcgatcatc	ctaatatggt	168180
aacttgtggt	gccagagtaa	cacatgacac	atcagaataa	aattttttact	aacttttttc	168240
ccagtagaaa	atgttttcagg	aggtcagaga	ccttgtcttt	cttattctgt	tgtatttcca	168300
gtgcctagca	cagtccttga	cccatagtg	gcactcggta	aatatttgtc	aatgtgtga	168360
atgaatgaat	agtacatgta	gtgcataatt	gaacttcagt	tataacctgg	ctgtcgttga	168420
attgtaatat	atgtgtcact	gtccacaaac	aattgtacaa	gaatagtaca	gtcttgagca	168480
tgtcagttga	atgtgcctgt	ccagaataat	tgagtaaaaa	taattttaag	agtagtaaga	168540
aattgaaaat	accacattag	ttttagtttt	agtatttact	ggaagttttc	agtgtttttc	168600
taacatattt	atggtaagga	atatgaggag	ttgttgggta	ttgataggaa	ttcaacttgt	168660
gaaaaaactt	gctttacctc	ttttgaactt	actggaccta	tttaattgaa	cagtatcgtg	168720
agattacaag	atgaataaac	gccaatgtgt	tattcagggt	ttttgaaaaa	atattgttta	168780
caaatttttac	aaaagtaata	tttggttact	ttagaaagaa	aattttacata	gccctgcagg	168840
ttattatgtg	aaatgtaaaa	gtcctctttt	cttactttct	caaggctgga	gagtgtgttt	168900

tttatgcata	gctgcagagt	tttatattac	acacgtaagt	ataagctaag	tattgctata	168960
tatatattaa	aacattaatt	ggttcgtagt	atgaatactg	ttttaaaata	tattacagtt	169020
aaagagtgt	aattctgcag	tcatgcaatc	ttggtttaaa	tcctgggtcc	tctaccattt	169080
actagctgtg	ttgccttgga	aaattactta	atactctgtg	atctcctttt	ccccctatgt	169140
catgagattt	ttatgagatt	caatgaattc	attattttaa	acacttaaca	caagtgcctg	169200
atacttaata	agcacttagt	atgttttagt	tgctgctgct	gaaaattgca	gtttttacct	169260
aagtatgact	atttttcctt	atcattacat	aatatttgct	tggtattcca	tggtgtggat	169320
gtagcataat	ttatttaagt	aggaaggcct	taattattga	acttttaggt	tgtttctgtt	169380
tgtttttggt	ttctaacaca	gtgttgagc	gaacatttgc	attttttgcg	tacttacaag	169440
agtgtatttg	taggttatat	gttgggtaaa	agtgtacaca	caatttgagt	tacagcctgt	169500
ttgtactgaa	ctccaccta	cagtgcata	caatgtttcc	tcaccccgct	atcaactcat	169560
ggggtgtaat	aggtggattt	tcttgatatt	cgacaattaa	agcaaaatat	agaaattgga	169620
aactgggggt	atcatctttc	attcctgatt	tcagtttttg	atttttatca	taactgcatg	169680
ttgacagttt	ttgactttat	agtaagtgtc	atcaatttga	actcataaaa	tgcacttaaa	169740
ataacaaaat	actacattta	cactatatat	attgggattg	tatgtaagat	ttcattttgt	169800
aaatgggttc	tgcttaaaa	attccttttg	aagatgaatt	ttgctgttcc	ctaaacaaat	169860
cattattttc	ttacctttta	ccctggaatt	agctttccctg	ctgcaaatc	tggtgtaaaa	169920
atcacctcct	ctcttagacc	tttgtgatct	caccaaacag	atgaaactgt	ttttgaaatg	169980
tctggagttt	tgtgttttac	tacctttatg	gtataccac	agctctcata	gtaaagtcat	170040
ttacaaacct	gttttatcct	gttttctagc	tgtagttcct	gaagaacaag	gggccatttt	170100
cagtccaccc	tcttcacctc	ttgcataatg	ctttacactt	aagtagggat	tgagtatata	170160
tttgtctgatt	taagttggaa	tgaaatttaa	acagtttgat	ggttgaataa	ttacaaatga	170220
aaaatagcat	ctcagatggc	ctattattag	acttaaaaat	atgtatatgg	tgaaagtcca	170280
agttttacct	attgatttag	ttcttatagt	cattaaagtg	tagacttact	tacatgtgga	170340
cctcagaaat	aagcccatac	acattatcct	tacaaagaac	ttccccctgc	agccagggaat	170400
ttaattcaaga	gcaatgcac	atgaagttct	tactctatta	cacactcggg	ttactagtta	170460
aagggaaccg	aagttaaatg	gcattaagt	taatgccatt	gttctgtatg	gtgggtgtag	170520
gttccatact	catcccatgc	tcacttacct	acttttcttt	tactttgctt	cattagcttt	170580
aatattgggt	tatgcactct	tcccttcaac	tagttttgtt	ttgttttttag	agtagcaacc	170640
aaatcttttt	tttttttcca	gacagggtct	tgctctgttg	ctgaggctgg	ggtgcagtgg	170700
tgcaaaacttg	gctcactgca	acctctctcc	cttgggtcag	gtgattctcc	cacctcagcc	170760
tcctgagaag	ctgggaccat	agctgtgctg	caccatgcct	ggctgatttt	tgtatttttt	170820
tgtagagatg	gggttttgcc	atattgcccc	ggctgctctc	gcacttctgg	gctcaggcaa	170880
tttgctgccc	ctagcctccc	aaaatgctgg	gattacaggt	gtgagccacc	acaccaggcc	170940
gtcccatttc	tttttataac	catttaagtc	aggtagccatt	ttccctccat	ttttaaaacc	171000
ttaatccttc	ttatgtcact	tagacaatat	aaatttgtag	aatctgttaa	ggcaattggg	171060
agctgtgcta	tggcatataa	ctcatctcgt	agccacaagg	tggcaatagt	tgagcaaaga	171120
attgggtttt	ctgctttatg	actcttagca	gtagaggggtg	gcatgctact	tttcagaaca	171180
ttggaaaaaa	tgtttttcag	agagtttttag	ggctgcacag	taaaaaattt	actcaaattt	171240
taaattttatt	taaaatactg	atgttacatg	acagttttata	gttttacctt	attttagcaa	171300
tatattagat	ttcatgcaaa	tattttttaa	tgtaattttt	tacttttttg	tgaatatttt	171360
tattagtatt	ttttatttca	aaatattcga	atattccaga	agacagaata	tctaaaatca	171420
gatgttcaat	cctttcagaa	tactggaaaa	ataaaaaatat	atagatttaa	agggcttatt	171480
tcaatataat	agggaaatta	atttattttt	agtataattt	taaagtccac	taaattcata	171540
tactgtaata	gtaaaaattat	atagttttac	ttaacccttt	gttttcttat	cagttttact	171600
gacaacttta	agaattatac	cagtgtttta	aaaactattt	gatattgtaa	ggaatgatgg	171660
aaaatgtttc	tggttttaac	gatggtgcca	acctgttttt	acattataga	attctaggag	171720
aattacctct	gagtaataaa	aatcttttga	aatgttgtat	gtctcacatt	ttcaaagcat	171780
gttttagagga	aatgaccagt	taatataata	acaatgaaat	agtgaagaag	tacatagaat	171840
tctctgggga	aagtaggttt	ttgttaacac	ctgtaacatg	cttataagca	gtactataca	171900
tttcttaaaa	gaaaagatgt	atatgttctg	tatgtatttt	gtttttgggt	ggtcatatga	171960
tctgattata	cccaatcaga	ctcatgactt	cccaagccaa	ccttaggttt	ttcactattt	172020
ggagatcgta	actctcatct	ttactcagaa	atttcacttc	catcttttaa	tgtgtctaag	172080
tttgcttcta	aggctacact	taaatttttc	tcttttaatc	actttaattt	ttataacctg	172140
attatggccc	ttaagttttt	tatctattgg	cattaaatat	caggaaataa	gagcaattaa	172200
gcacattcaa	gtggagcctg	gtttgttggg	atgttggaat	aaaactaaat	agtcttgatt	172260
cagtttgggt	tttgcttacc	tttttaaagc	tttgagattt	ccattgttga	caactgccag	172320
gaaatgagtg	gtggactcag	tctaggagtt	ggcagctgaa	caagttgcct	ggcctctggc	172380
cagctaccca	aattgagatg	gttggattct	ctgaagggac	ataaatgtac	actgagaact	172440
gggtgtcact	gggacacaca	gtatttatcc	caaagaaatg	aaatgttctt	aacagcttca	172500
tttgtaatat	ccaaaaactg	aaagcagcct	agatgtcctt	cagctgttga	atgggttaac	172560

aaactgtggt	acatccttac	cgtggaatac	tacttagcag	taaaaagtaa	tgagtgtttg	172620
atacacaaaa	taatttgaat	gactcaaagg	aattatgctg	agtgaaaaaa	aaaaagccag	172680
tccccaaaaa	ttacatatgg	tgtgatttca	tttatacaac	atttttgaaa	tggcagaatt	172740
atagagatgg	agaacaggtc	agtgcctact	aggagttagg	aaggaggagg	gtaaaaggga	172800
tatgtggagt	tacaaaagga	cagcacaagg	aatccttggt	gtaatggact	tgttctgcat	172860
tttgactgtg	atggccagta	cagaaccttt	acatgtaata	aaattgcatt	gatgattacg	172920
tgtataactg	gtgaaatctg	aatattgggt	gatttgtgtca	atgtcaattt	cctagttgtg	172980
atatcatact	atagtcttct	aaaatgttac	cattggggagc	cctgggtaag	gggtgcagggg	173040
ctctctatgt	attcttgggt	acaattgcat	gtgaatctac	aatgattttt	aaatagaaag	173100
ttaatttttt	ttaaaggggag	catttccactg	gtctctcggg	cccagcactg	ataagaccat	173160
tgaattccat	aaacatgtga	cagttatccc	acattatttc	ctgtaaggta	attttttgtt	173220
gttagaagca	atgcagtgtg	gaataccaga	aaaatccaag	aatagttaga	agtaaagttc	173280
cacatgccta	cctgcatacc	ttagccttta	gtcagacaac	ttctgtctta	ctagaaacct	173340
taaaagcatc	ccttggtccc	agtctatgca	tctgtcagca	tctggcttac	agctctgctc	173400
ataaaatgag	agagagactg	actgtccagt	ctccttttgt	aactgttttt	ccctatctag	173460
cataatgttt	ctcctgtctc	cacgatatac	cactattaca	gagatttcta	aacttttttg	173520
atcatgtccc	ttcathtaata	aatttttgag	cagatgttcc	agtatttact	taaaaaatac	173580
atttgtggct	gggcgcagtg	gctcacacct	gtaatcccag	cgctttggga	gaccaagggtg	173640
ggcggaacat	gaggtcaaga	gatcaagacc	atcctgacca	acatgggtgaa	accctgtctt	173700
tactaaaaat	acaaaaatta	gccgggcatg	gtggctcatg	cctgtagtcc	cagctactcg	173760
ggaggctaag	gcgggagaat	tgcttgaaca	tgggaggcgg	aggttgcaag	gagtcgagat	173820
tgtgccactg	cactccagcc	tagcgccaga	aagagaccca	gtctcaaaaa	aaaaaaaaaa	173880
gtgtgtgtgt	gcgaatatat	atattcgtac	tgtagtttct	tttgttatat	acatttttaa	173940
gcatttacac	ataaaaaacat	tttgaagggt	aagttaaaaa	aaacaaatag	aaattccagt	174000
gttttcttct	tctgtcctat	gggttatgat	agagatcact	attccttgtt	acaacctgac	174060
cttttctcct	caggcctgct	ctgtaaatgt	gtgttcgttg	gccacaaatt	tcctatgtct	174120
ttttacgaac	aatctcccct	ttaaccttct	ctacaagtat	ttcttgcttg	ctttcttggt	174180
ttcccttgat	aacactgctt	cccttctggt	cttccctagt	atagattgca	acgggtctca	174240
aggctaggag	gaaaaaatga	ctcatcttcg	ttctcgtttc	tcagtaccat	ttcagactac	174300
tgttctatca	gaaatacttt	aaaaaggctc	cttgataaaa	atcttttcaa	ttctttccat	174360
ttttcgtcag	catctggctc	acagcttttc	tcttttcttc	atacttacca	ttttcattga	174420
ccagcattta	catttgtaaa	ccaaaaataa	aattctaaag	cccctcaac	catctgaatg	174480
gacccctcct	gtcagccaag	ggcgttccaa	agttaacctg	aaaaactagt	gcaggccgtg	174540
atgggaaggg	ggagccagac	gtgcctcatt	atacctccct	cctttcagaa	ttagtgatag	174600
aaatgactct	ttaagtctag	taagaaacat	ttacaactctg	ttttctctga	agcctgtac	174660
ctggacgctt	catctgcatg	ataaaaccat	actctccaca	atgccttatg	gtcacgcaga	174720
cattctcttc	tattgataat	aaccttttca	accaattgcc	aatcagaaaa	tctttaaatc	174780
tacctatgac	ctggaagcca	ccctcgcaac	ctgcttctag	ttctcctgcc	tttctggact	174840
gaaccagtgt	aaccaatgta	catcttacac	gtattgattg	atgtctcatg	tctccctaaa	174900
ttgtataaaa	ccaagctgta	ccctgacttc	cttgggcacg	tgtctcagga	cctccttagg	174960
ctgtgtcatg	ggcgtgtcct	taaccttggc	aaaataaaact	ttccaaattg	atthagacct	175020
gtctcatact	cttgggtttac	acattaatga	ctaccaatac	tttggccaca	tagttttttg	175080
tatatthaacc	ttatattgtg	taatgttgct	gtaattactt	attccaggag	gtttttttct	175140
tgttgattct	ttttgatttt	ctacataggt	catcatgcca	tccatgatca	tacacagttt	175200
tatttcttcc	ttcccaatct	gtatactttt	attttttctt	tttgtcttat	tgcattagct	175260
aggacttcta	gtacaatggt	gaaaagcagt	gatgagaggg	gacatccttg	ccttcttcct	175320
gtgcttagta	ggaaaagtgt	caagtacttt	accattacat	atgtaggttt	ttttagata	175380
ttcttttagga	agttgaagct	ttctctagtt	ttctgagagt	tactattatg	aatgggtatt	175440
gggttttgct	aaatgctttt	ccatttgacg	aaatgaaata	cgaccatgtg	atttttcttc	175500
tttagccaat	tgatgtgatg	gattacattt	tttttctatt	tttaattttt	gtgggtacat	175560
agtaggtgta	tatgcttagg	gggcacacga	gatactttga	tacaggcata	taacatgtaa	175620
taatcacatc	atagtaaaata	gagtatccat	tccttcaagc	atttactctt	tgtgttaaca	175680
atcaaattaa	actcttttag	ttatttttaa	atatacagtt	aaataattat	tgcttatcac	175740
cctgttgctg	tctcaaacac	taggtcttac	tcattctttc	taactactct	ttgtaccat	175800
taaccatccc	caccccttta	tatactataa	gtatactata	tcacatatag	gggagtgggg	175860
atggttaata	ggtacaaacc	cccaataccc	ttcccagcgt	ctgggtaacc	atccttctac	175920
tctgtctcca	tgagttcaat	tgtttaaatt	tttaactccc	acagataata	acatgtaaag	175980
tttgtctttc	tgtgcctggc	ttatttcacg	taacgtaatg	acctctgggt	ctatccatgt	176040
tgttgcaagt	gacaggatct	cattcttttt	tatgactgaa	tagtagtact	gcattgtgta	176100
tatgtaccac	attttcttta	tccattcatc	tgttgatggg	cacttaggtt	gctttcaaat	176160
tttggctatt	gtgaacagag	ctacagcaaa	catgggaaat	gtctcttcag	tatactgatt	176220

tcctttcttt	ggggtataaa	accagcagtg	ggattgctgg	atcatatggt	ggctctattt	176280
ttagtttttg	ttatttggtt	tttgtggaac	ttcaaactgt	ttttcagagt	ggttgtacta	176340
atztatgttc	ccgctaacag	tatatgatgg	ttcccttttc	tccacatcct	catcagcatg	176400
tattactgct	ggctcttttg	ataaaagcca	ttttaactgg	ggtgagatga	tatctcattg	176460
taggtttgat	ttgcatttct	ctgatgataa	tgatggttag	cactttttca	taagcctggt	176520
tgccatttgt	atgtcttctt	tcgagaaagg	tccattcaga	ttatttgcct	tttttttttt	176580
tttttttttt	tgagacagag	tattgctctg	tctcccaggc	tggattgcag	tggcacgata	176640
tcggctcact	gcgagctctg	cctccttccg	ggttcatgcc	attctcccg	ctcagcctcc	176700
ccagtagctg	ggactacagg	cgcctgccac	catgccctgc	tagttttggt	tttgtattgt	176760
tagtagagat	ggggtttcac	catgttaacc	aggatagtct	tgatatcctg	accttgtgat	176820
ccgcccgcct	cggcctccca	aagtgcaggg	attataggcg	tgagattatt	tgcctatttt	176880
aaagtgggat	tattagaatt	tttttccctat	agagttgttt	gaactcctta	tatatcctgg	176940
ttattaatgc	tttgtctaca	ttttgatttt	tgaatgttaa	acctgtcgta	agtctcagtt	177000
gtgggtatata	atttttatat	gttgttggat	ttgatttgct	aatattctgt	tgaggatttt	177060
tgcatctaca	tgcatgagaa	atattggtct	gtagttttct	tttcttgtaa	tgtctttgtg	177120
tggttttgat	attaagatat	tactgtcctc	ataggataag	ttccactcct	atcttctgaa	177180
agagattgta	gagaattggg	ttgatttctt	ctttaaatgt	ttggtagaac	tcaccagtga	177240
acccatatgg	acctggggct	ttctgttttg	gaagtatatt	aattactgat	ttaatgtcct	177300
taatagacat	aggcctattc	agattatctg	ttcttcttac	ttgaattttg	gcagactttg	177360
tctttcaagg	aattaatcca	tttaatttag	gttatcaaat	ctgtgggtat	agagttgttt	177420
atagtatttc	tttaatgttc	atgggatatg	tagtgatgtc	ctctctttca	tttctattat	177480
tagtaatttg	tgtcctctct	ttttgttttt	cttagtctgg	ctagaagctt	acctcaaata	177540
accaactttt	gctttcggtg	attctattga	tttctgtttt	tcagtttcat	tgtcttctgt	177600
gctaattttt	attttagata	agttgtgttt	tcattttcat	ttagttcaaa	gtatttttaa	177660
atttctcttg	agatttggtt	gactcatgtt	atthagacgt	gtatttggtt	actctaagaa	177720
ttttgggatt	tttgagctat	ctttctattc	ctgaatttct	gttaaattct	agtgtggtct	177780
gaaagcagac	attgcattgat	ttctattcct	ttaaatttgt	taagggtgtg	tttatggctc	177840
agaatgtggg	ctgttttggg	gactgtttca	tgtggcatga	gaagaatata	tattctgctg	177900
ttgctggatg	aaattgtcta	cagatgtcca	tcatatccag	ttgatttatg	atgttggtga	177960
gttcagctat	atcctgagtg	attttctccc	tgtctggatc	gtccttttct	gatagaggga	178020
cattaaagtc	tccaactgta	atgattcatc	tatttttcc	tgcagttttg	tcagtttttg	178080
cctcatgggt	tttgactatt	tttaggcatt	tacacattaa	ggattattcc	gacttcttca	178140
gataattaac	ccttttatta	ttagcaaatt	gtttaacatg	aacaaactgt	taattgttag	178200
atcaattact	aattaaaaac	ttaaaagtgt	taattttacc	ttcacatatt	ccttctctgt	178260
gttctgcctt	tctttatgta	atgtagatct	gagtttttga	cttttataat	tttcttcttt	178320
ctaaagaatt	tcttttaaca	tttcttgcaa	ggcaggctca	cttgcaacaa	attccctcaa	178380
tttttatttg	tctgagaaag	tctttaattc	tcttctattt	ttgaaggata	acttgtcagg	178440
gtacagaatt	ctaggttagt	attttttttt	tttgtttcct	cttaacactt	tagatatctc	178500
actccactgt	tttcttgatt	gcatgattta	tgaggagaag	ctggatataa	tttttatctt	178560
ttctcctctg	taggaaagct	gttttcccc	caagcttctt	ttagaatttt	ttcttcatct	178620
ttgatttttc	tgtagtttga	aaatgatact	atatgcctag	atgtagtggt	tttgggtgtt	178680
attctgggtg	atgtcctctg	agcttctctg	atctgtgggt	tgtgtgtctga	tattaatttg	178740
aaggaaagtc	ttagtcatga	ttgtttcaaa	tatttctgct	gtatttgtct	ttcttctcct	178800
tctagaattc	ccattagttt	acaccttttg	tagttgtccc	aaagttcttg	aatattctgt	178860
tcaatttttc	cctcaatcct	ttttctcttt	gcttttctag	tttggcagtt	tttattgagg	178920
tatcttcaga	gtcacagttt	ttttttttcc	tcagctgtgt	catctacctg	taagcccatc	178980
aaaggcattc	ttcatattct	ttacagggct	ttcgatctct	agcatttctt	tttgattctt	179040
atttaaaatt	tccatctttc	tgcgtacatt	gcttatctgt	tcttacatct	tatttcttcc	179100
gttagagccc	ttagtgtctt	aatcatagtt	gtattagatg	cctggactga	taatttcagt	179160
atccttgctg	tgtctgaatc	tgggtctgat	ccttgctctg	tctcttcaaa	ctgtgttttt	179220
tgtttttttg	tctatcttgt	aatttctttt	tgatagctgg	gcatgatgta	ttgggtaaaa	179280
ggaattggctg	tcaatcggcc	tttagtaatg	tgggtgatagg	gtgtgtgggg	agggaaagtg	179340
ttctatagtc	ttatgagtgg	gtctcagtc	tctagtgagc	ctgtgcctct	ggactatgaa	179400
ctgcacattt	gcttctcagt	gtttccctct	cttttggtag	gacagaatga	ctagtgcag	179460
ctagaattgg	ttatttccct	tcttccagga	cacttaggct	ctgacaagtg	tttaggcttt	179520
ggttgaagag	tttcccttgag	gacacatgtc	atatgcatga	tagttttata	tatgtgctta	179580
atgtatatta	aaaagacaac	acctgtttga	taaatgaatt	gttgaataag	agagagtgtc	179640
ctgatgtatt	tcaaaatagt	tctattcccc	acagaacttg	ccgtctgaag	tacaagggga	179700
tttttctcct	atattcactg	taaggaccag	gttgagctcc	tggagttaaa	actcacaaaa	179760
gtgtgagagt	ccccaaatac	tgagtctctc	tggagttttt	aactttcaga	cttgtcccac	179820
tgagcatcca	ccaattcacc	agttacagct	cgggtttccc	tacctcggca	ctggttccca	179880

cagagggtttc	ttcttggagg	cttcttttca	gtagttctct	gcattcactt	gtctctccac	179940
atltgagaac	agcagttttc	cctgtgaccc	ccacctctca	gatgcatcta	agaagagttg	180000
ttgatttttc	agtcattgaca	atcaaacaca	tctccagaca	ttgccaaatg	tccccctggag	180060
tgggggtggc	aggggggaaa	tcatcttggt	tgacaaatac	tagattagtc	aataaaaactt	180120
gatggtgggtg	actgagtcta	taagaaatta	atlttttaaag	aagctaaagt	ttttgacagg	180180
gtctgtttac	cttcagacac	tatttgagt	ctttacatat	ggccacacat	ttattcctta	180240
caacaatctt	gtaaaaataga	tagatataat	tacaaacacc	atltttataag	atgagtaaac	180300
agcagcacag	agattctaag	tgacacagacc	tgtccccaga	gctggtaagc	ggtagagcca	180360
aggttcaagc	catgtggcca	gacttccacg	ccttccctttg	ggagccctcg	tatttgaatc	180420
atcacaaatt	gttcatatgc	ttgctgcaca	gctgtcattt	ggagtctttt	ctttgctgct	180480
tctatagggt	atagaaacag	tataagttac	tgctgcataa	caaaccatcc	caaacttggc	180540
tctcctctgt	acaatttgtt	tgattttttt	aagggaagag	aaaaaatata	tttattttttg	180600
acaggataat	acatgcctat	taccagatat	tatgcacttg	aggaattttg	tgcttgacag	180660
aatattgact	gcctcgcttc	tggtgttttt	agctattctc	cttggtttca	gcttgtcttc	180720
tactgacgc	ctggcatgac	tgagctccat	acctttatgg	aatacttcag	gatagaatag	180780
ctttcttttt	ttcacagctt	cttcttcttg	aatttctactc	tgcttcatta	attatcactc	180840
ttcccatgac	ttctgtcca	ctagaaagta	tgtttgtata	cttttgttct	ccatctgttc	180900
tcttcaatat	tgagagttta	taattttttac	aatttttttaa	tttattattt	taccatcatt	180960
taatgggatt	tcaggaggga	gagagataaa	tgtaagtacc	ttatcacctt	gagccacca	181020
tacgtttatt	tcaataaaaag	aactctgttg	cgagcgtaac	atlttattggg	tagtgttaaa	181080
gaaacaaaag	ttattatagc	acgggttaata	gaagtgggtc	atlttttgag	atgcatgttg	181140
aaattttttt	cttgctaacc	agtatgaagt	agttaaagta	tatataccat	ttcattactt	181200
ttattgttat	tgtttttttt	cttttttctt	ttcttttttt	tttttttttt	ttgagatgga	181260
gtcttgctct	ttttgcccag	gctggagtgc	aatggcgag	tctcagctca	ccgtaacctc	181320
cacctcctgg	gttcaagtga	ttctcctgcc	tcagcctcct	gagtagctag	gattacaggc	181380
atgcaccacc	tcaccgggct	aattttgtat	tttttagtaga	gacagggttt	ccccatgttg	181440
gtcaggctgt	tctcgaattc	cggacctcag	gtgattccacc	tacctcagcc	tcccaaagt	181500
ctgggattac	aggggtgagcc	actgcaccca	gctgttttta	ttgtctacat	taaaagaggt	181560
aactgggtag	gatgttgtct	cccatttcta	atlttgtattg	ttttataaaa	tccttttttat	181620
atltttagaat	atlttaagaat	tcctactacc	ttatagaatt	ggaagaaaat	ttatagtatt	181680
ccaatccttt	aatttacaata	tgagaaaaca	gatctagaga	agttaaatga	cttattcagg	181740
gttttttttt	cgctgtttat	tggtctgagtt	ggctcatagaa	gtcagggtttc	gtatttggtta	181800
ttcttctgta	ctgttttctt	tttaagtttgc	tatgatgttt	ttatctattt	tctatcttct	181860
gcagcaagtt	ttattttaaga	accactgttc	agtatcccat	gtaactttga	atagcatgta	181920
tggtactcat	gtaaaacttg	aggtagttgg	atagtttgat	gtctcatatt	cttttagcac	181980
tagttgcccc	tgtttccaag	ctgtatatta	aatggtcttc	atatgcatga	taggtatata	182040
tatgcttaat	atatattaaa	aagacaacac	atgtttgatg	aatgaatgaa	tgcatgattg	182100
aataaatgaa	agtgatactg	ttccatattg	ctgtaattcc	tttaccttac	tcctttctac	182160
cttgacggtc	ctgtcaactt	tcaggcttca	aaggagaaaa	tagtacagca	gaatagcagg	182220
agatctgatc	tctatgacca	actgttaaag	gaaatagtca	actccaagtt	agtacctgtg	182280
acagctcagt	tagtgagctt	tattgtaaca	ttttccaggg	ttaggcactg	agctctatga	182340
tacatatcca	gcggtgacag	tatgcttcca	gtctctgcag	tctatatcag	catgagagga	182400
gctatcaatg	ttagttttaga	gactttataa	acaggactcc	ctgtagtga	catggattgt	182460
gggagttgct	acatttactg	tttttaggag	tcatttgaca	agtaaatgag	tacattttgg	182520
cataagccct	aggattcaga	gatggttcta	gactatgatt	tttgaagcaa	gggtttgtct	182580
gattgtttga	tgtagcttcc	caaaatcaat	gatgcaatat	caaaaatcaa	atgaaataat	182640
aagctacaat	ttaaaagcaa	attcaggtgt	taatccaggg	ttcttatgct	tgtggtaaaa	182700
ttatttctact	cgccaaaaac	acactgactt	ccttgcaaaa	tataaatagag	gcaaaaaatg	182760
gaggagaaat	gttctacttc	cacttgattt	taaagttacc	tataaaaagt	aactataact	182820
ttataaagtt	tataatgtaa	taaatattta	actgcagact	tactaaaaat	ctcaagagaa	182880
tctttttaaa	cagttgagag	cactcaataa	ttttctaaaa	ccaaggggaa	aataccactt	182940
actattatac	taatcttagc	tcaaacatct	cttcacaatt	gaaaaaggac	atttgtttat	183000
tttaggaaca	ggtcctagt	atggctgaat	tatctccagt	aaaagtttta	ctactggatc	183060
tgctactact	gtatcttagt	gtcatctggt	tttttgtttt	gttttgtttt	ttgtttttgt	183120
tttttgttgt	ttttttttga	gagtctcact	ctgtgcacca	ggctagagtg	cagttgtgcc	183180
atctcggtc	actgcaacct	ccgctcctg	ggttcaagt	attctcctgc	ctcagcttcc	183240
tgagtagctg	ggattacagg	cacatgccac	catgcccagc	taatttttgt	atlttagtag	183300
agacagggtt	tcaccgtgtt	ggccaggctg	gtcttgaact	gctgacttca	agtgatccac	183360
ccaccttggc	ctcccatagt	gctgggatca	caggcgtag	ccacaatgcc	tagccccgt	183420
catttagttt	taattggact	atggcttcaa	ttgaaagtca	gccaattgaa	aaaaaaaaat	183480
agccaaagcg	aaaaaagaag	aaaaagaaca	gaggaaactct	gtagatatc	aaccataaaa	183540

gtggagtaat	gggaaagcag	atcatagggg	aagtgggagc	gacctgccct	ggttacaagc	183600
agagaccccc	aagttgatac	tgtttgctct	tctcttgagc	actgctattc	tcatctgctt	183660
tagtggcagc	tactatggat	ggaataatgg	ctcccagcaa	aggattatgt	agctgctctt	183720
gtcaagaatg	gcttacaaaa	aaaaataaaa	ataaaaaaat	aaaaaaaaaa	gaatggctta	183780
cttagaatta	ctcttttaca	ctacctctaa	agggcaagtc	agctgtgtct	gtgttacctc	183840
tgtaggattt	gttttatctc	tggctctgca	agaaagaact	attttcaaag	tgcttgttta	183900
aggaccttta	atgttgattt	ttgtggattt	ataaaactag	tatgattgct	catggcatac	183960
attcctgggt	accttttcag	ctctagttag	cctctaggcc	tactgacttg	tcttttagttt	184020
agattgacct	ttttgtgcta	aggatttttt	ccctgtgtgt	ttcagttcac	caagtaaatt	184080
catcatcata	ccctccctct	agcacctgag	ggacttggca	taagccaaat	gtcgtgactt	184140
tctttttcct	gaagcagagg	tcataaactt	gtgggttcgtg	ggccaaattc	aacacctgga	184200
tgtgttttgc	cgggtttgta	aaatggaaaa	ctttatcccc	ctgcatataa	gtatttaaaa	184260
attggaaaaat	ttacattaat	atgtggattt	ctggcttttt	ttggaaaatt	aaaacattaa	184320
aaattaaaaac	atggggactt	gaattgcagc	tgcagctgga	gctgagtagt	gtctacacct	184380
tttaaaacttg	ggcacatatc	ctgattatca	agccctcacc	tggcctggca	tttgagttaa	184440
taatctttca	agtagtacat	gcattaaact	taagtcacaa	atatagttgt	gtagctttta	184500
aagtaaatgt	gctttactat	tgaactttta	gtagttctcc	ccgaataaca	aatgtaaaac	184560
tcattccaaa	tcagacattt	aggctgctag	atcaaattgt	taatgtcctt	ccatgatttg	184620
ctctcacaga	tagaaactta	gcacttcctt	tagtttgtac	caaattgcac	acaccactcc	184680
atacacaaaa	atgagtagaa	ggcacaaatc	tgtgttcacg	gatttggaag	aaatgtgttt	184740
ggaaaaaatt	tttgaagaa	aaaaagaata	attagtcata	cctcaagtga	attcaatatg	184800
taaaaagatt	cccggaaagt	gaatagcaca	aaacaagctg	tttttctttt	ggaattttact	184860
ttagggagaaa	gaaaagtata	acaaattcaa	gttggtttaa	aagaattatg	tatcaggaac	184920
tcattgttcag	actgatcatt	gtgatgaaag	gctcttaatt	gtttttatct	taatgtatat	184980
ttacatttgt	attaaaagaa	tagtgacttt	cactaaactt	gatttagaag	gcattttttt	185040
acagatggtc	agtgttagga	ataaagtcaa	ttgtctcttg	gatgccctcc	tcacgtgctc	185100
atactctgac	cactaaccac	ccccacccc	acttgcagag	acttgatata	caggcactct	185160
tctactctcc	ctacctgccc	tgggctctcg	agacctcacc	ctggactatc	acatctctgt	185220
catcctccac	caagtataga	tgcctaattt	ctttcttttt	tttttctttt	ttgagacagt	185280
ttggctcttg	ttgcccaggc	tggagtgaag	tggcgtgac	tcggctcacc	gtaacctctg	185340
cctcctgagt	tcaagtgatt	ctccttcttc	ggcctcatga	gtagctggga	ttataggcat	185400
gcaccatgat	gcttggttaa	ttttgtattt	ttatttttat	ttattttatt	attttatttt	185460
tattatactt	tagattctag	ggtacatgtg	cacaatgtgc	aggtttggtt	catatgtata	185520
catgtgccat	gttggtgtgc	tgcacccatt	aactcgtcat	ttacattagg	catttctcct	185580
aatgctatcc	ctcccctctg	ccccacccc	acagcaagcc	ctgctgtgtg	atgttccctt	185640
tctgtgtccc	agtggttttc	gctgttcaat	tcccacctat	gagtaagaac	atgagggtgt	185700
tggttttttt	gtccttgcaa	tagtttgctg	agaatgatgg	tttccagctt	catccgtgtc	185760
cctacaaagg	acatgaactc	atcctttttt	atggctgcat	agtattccat	gggtgtatat	185820
tgccacattt	tcttaatcca	gtctatcact	gatggacatt	tgggttggtt	ccaagtcttt	185880
gctattgtga	atagtgccac	agtaaacata	tgtgtgcatg	tgtgtttata	gcagcatgat	185940
ttataatcct	ttgggtatat	acccagtaat	gggatggctg	ggtcaaatgg	tatttctagt	186000
tctagatcct	tgaggaattg	ccacactgtc	ttccacaatg	gttgaactag	tttacagtcc	186060
caccaacagt	gtaaaagtgt	tcctatttct	ccacatcctc	tccagtacct	gttgtttcct	186120
gactttttta	tgatcccat	tctaactggt	gtgagatggt	tatccatttg	tggttttgat	186180
ttgcatttct	ctgatggcca	gtgatggtga	acattttttc	atgtgtcttt	tggttgcata	186240
aatgtcttct	tttgagaagt	gtctgttcat	atccttcacc	cactttttga	tggggtgtgt	186300
tgattttttc	ttgtaaattt	gtttgagttc	tttgtagatt	ctggatatta	gctctttgtc	186360
agatgggtag	attgcagaaa	tgttctccca	ttctgtaggt	tgcctgttca	ctccgatggg	186420
agtttctttg	gctgtgcaga	agctctttag	tttaattaga	tccattttgt	caattttggc	186480
ttttgttgcc	attgcttttg	gtgttttata	catgaagtcc	ttgcccattg	ccttgcctctg	186540
tatggatttg	cctagggttt	cttctagggt	ttttatggtt	ttaggtctaa	catttaagtc	186600
tttaatccat	cttgaattaa	tttttgtata	aggtgtaaga	aagggatcca	ctttcagctt	186660
tctacatgat	gctagccagt	tttcccagca	ccatttatta	aatagggaa	cctttcccca	186720
tttctgtttt	ttgtcagggt	tgtcaaatgt	cagatagttg	tagatacacg	gctttatttc	186780
tgagggctcc	attctgttcc	attgggtgat	atctctgttt	tggtagcagt	atcatgctat	186840
tttggttact	gtagccttgt	agcgtagttt	gaagtcagg	agcttgatgc	ctctagcttt	186900
gttctttttg	cttaggattg	acttggcaat	gcgggctctt	ttttgggtcc	atatgaactt	186960
gaaagtagtt	ttttccaatt	ctgtgaagaa	agtcattggt	agcttgatgg	ggatggcatt	187020
gaatctataa	attaccttgg	gcagtatggc	cattttcatg	atattgatcc	ttcctattca	187080
tgagcatgga	atgttcttcc	atttgtttgt	atcctctttt	atttctgttg	gcagtgggtt	187140
gtagttctcc	ttgaagaggt	ccttcacgtc	ccttgtaagt	tggattccta	ggtattttat	187200

tctctttgaa	gcaatttgtga	atgggagttc	actcatgatt	tggctctctg	tttgtctgtt	187260
attggtgtat	aagaatgctt	gtgatttttg	cacattgatt	ttgtatcctg	agactttgct	187320
gaagtttctt	atcagcttaa	ggagattttg	ggctgagatg	atgggggttt	ctaaatatac	187380
aatcatgtca	tctgcaaaca	gggacagttt	gacttcctct	tttcctaatt	gaataccctt	187440
tatttctttc	tcttgcctga	ttttcctggc	tagaacttcc	aacaactgtg	tgaataagag	187500
tggtagagaga	gggcatccct	ttcttgcacc	agttttttaa	gggaatgctt	ccagtttttg	187560
cccattcagt	atgatatcgg	ctgtgggttt	ttcatagata	gctcttatta	ttttgagata	187620
cgtgccatca	atacctaatt	gcttgagagt	tttttagcatg	aagggttgtt	gaattttgtc	187680
aaaggccttt	tctgcatcta	ttgagataat	caagtgggtt	ttgtcttttg	ttctgtttat	187740
gtgctggatt	acattttattg	atlttgcatat	gttgaaccag	ccttgcaccc	caggaatgaa	187800
gcctacttga	tcatgggtga	taagcttttt	gatgtgctgc	tggattcggg	ttgccagtat	187860
tttattgagg	atlttttgc	cgatgttcat	caaggatatt	ggctctaaat	tctctttttt	187920
ggttgtgtct	ctgccaggct	ttgggtatcag	gatgatactg	gcctcataaa	atgagttagg	187980
gaggggtccc	tctttttcta	ttgattgaaa	tagtttcaga	aggaatggta	ccagctcctc	188040
cttgtacctc	tggtagaatt	cagctgtgaa	tccgtctggg	cctggacttt	ttttgggttg	188100
taggctatta	attattgcct	caatttcaga	gcctgttatt	ggctctattca	gggattcaac	188160
ttcttctctg	tttagtcttg	ggaggggtga	tgtgtcgagg	aatttatcca	tttcttctag	188220
atlttctagt	ttatttgcgt	agaggtgttt	atagtattct	ctgatgttag	tttgtatttc	188280
tgtgggatcg	gtgggtgat	ccccctttatc	atlttttatt	gcgtctatgt	gattcttctc	188340
tcttttcttc	tttattagcc	ttgctagcgg	tctatcaatt	ttgttgatcc	tttcaaaaaa	188400
ccagctcctg	gattcattga	ttatttgaag	gtttttttgt	gtctctgtct	ccttcagttc	188460
tgtctgtatc	ttagttattt	ctgcgttcat	ttgtttatgt	accagtagt	cattcaggag	188520
caggttggtc	agtttccatg	tagttgagcg	gttttgagtg	agtttcttaa	tcctgagttc	188580
tagtttgatt	gcactgtggg	ctgagacagt	ttgttatcat	ttctttttta	catttgctga	188640
ggagtgcctt	acttccaact	acgtgggtcaa	ttttggaata	agtgtgatgt	gggtgctgaga	188700
agaatgaata	ttctgttgat	tttgggtggg	gagttctgta	gatgtctgtt	agatccactt	188760
gggtgtggagc	tctgttcaat	tcctggatat	ccttgttaac	tttctgtctt	attgatctgt	188820
ctaagtgtga	cagtggtgtg	ttaaagtctc	ccattattat	tatgtgggag	tctaagtctc	188880
tttgtaggtc	tctaaggact	tgttttatga	atctgggtgc	tcctgtattg	gggtgcatata	188940
tatttaggat	agttagctct	tcttgttgaa	ttgatccctt	taccattaag	tagtggcctt	189000
ctttgtctct	tttgatcttt	gttgggttaa	agtctgtttt	atcagagact	aggattgcaa	189060
ccgtctcctt	tttttgtttt	ccatttgctt	ggtagatctt	cctccatccc	tttattttga	189120
gcctatgtgt	gtctctgcac	gtgagatggg	tctcctaaat	acagcacact	gatgggtctt	189180
gactctttat	ccaatttgcc	agtctgtgtc	ttttaattgg	agcatgtagc	ccatttacat	189240
ttaagggttag	tattgtttatg	tgtgaatttg	atcctgtcat	tatgatgtta	gctgggttgt	189300
ttgtctatta	gttttatgcg	tttcttccta	gcacgatggg	tcacacagtt	ggcatgtttt	189360
tgcagtgtct	ggtaccgggt	gttcccttcc	atgttttagt	cttccctcag	gagctctttt	189420
agggcaggcc	tgggtgtgac	aaaatctctc	agcatttgct	tgtctgtaaa	ggattttatt	189480
tctccttcac	ttatgaagct	tagtttggtc	ggatatgaaa	ttctgtgttg	aaaattcttt	189540
tctttaagaa	tgttgaatat	tggcccccac	tctcttctgg	cttgtagagt	ttctgccgag	189600
agatccgctg	ttagtctgat	ggccttccct	ttgtgggtaa	cctgaccttt	ctctctggct	189660
gcccttaaca	ttttttcctt	catttcaact	ttgggtgaatc	tgataattgt	gtgtcttgga	189720
gttgcctctc	tcgaggagta	tctttgtggc	gttctctgta	tttccctgaat	ttgaatgttg	189780
gcctgccttg	ctagattggg	gatgttctcc	tggataatat	cctgaagagt	gctttccaac	189840
ttgggtccat	tctccccgtc	acttttgggt	acaccaatca	gacgtagatt	tggctctttc	189900
acatagtccc	atatttcttg	gaggctttgt	tcatttcttt	ttacttttct	tcctctaaac	189960
ttctcttctc	acttcccttc	attaatttga	tcttcaatca	ctgataccct	ttcttccggg	190020
tgatcgaatc	agctactgaa	gcttgtgcat	tcgtcacgta	gttcttgtgc	cgtgggtttc	190080
agctccatca	ggtcatttaa	ggacttctct	gcattgggtta	ttctagttaa	ccatttgtct	190140
aatctttttt	caagggtttt	agcttctttg	cgatgggttc	tgacttcctt	cttttagctta	190200
gagaagtttg	atcgtctgaa	gccttcttct	ctcaagtcat	caaagtcat	ctctgtccag	190260
ctttgttcca	ttgctggcaa	ggagctgcac	tcctttggag	ggggagaggc	actctgattt	190320
ttagaatttt	cagcttttct	gctctatttt	ttccccatct	ttgttgtttt	atctaccttt	190380
ggctcttgat	tacagatggg	gtttttgggt	gtttttgggt	ggatgtcctt	tctgtttgtt	190440
agttttcttt	ctaacagtca	ggaccctcag	ctgcagggtc	gttggagtgt	gctggagatc	190500
cactccagac	cctgtttgcc	tgggtatcag	cagcagaggc	tgcggaacag	cgaatactga	190560
tgaacagcaa	atgttgctgc	ctgattgttc	ctctggaagc	ttcgtctcag	aggggtaccc	190620
ggctgtgtga	ggtgtcagtc	tgccccact	tgggggtgcc	tcccagttag	gctactcagg	190680
ggtcagggac	ccacttgagg	aggcagctct	tctgttctca	gatctcaaac	tcagtgtctg	190740
gagaaccact	actctcttca	aagctgtcag	acagggacat	ttacgtctac	agaggttttt	190800
cctgcctttt	gttcggctat	gccctgcccc	cagaggtgga	gtctacagag	gcaggcaggc	190860

```

ctccttgagc tttggtgggc tccacccagt tggagcttcc tgactgcttt gtttacctac 190920
tcaagccttg gcaatggtgg gcgcccgtcc cccagcctcg ttgctgcctt gcagtttgat 190980
ctcagactgc tgtgctagca atgagcgagg ctccgtgggc atgggaccct ccaagccagg 191040
catgggatat agtctcctgg tgtgccgttg gctaagacca ttggaaaagc gcactattaa 191100
gggtgggagtg acccgatttt ccaggtgccg tctgtcacag cttcccttgg ctaggaaagg 191160
gaattc

```

```

<210> 3
<211> 251
<212> PRT
<213> Coturnix coturnix

```

```

<400> 3
Met Val Ala Val Leu Ser Glu Leu Pro Gly Met Asp Leu Tyr Glu Asp
1      5      10      15
Tyr Lys Ser Pro Phe Asp Phe Asn Ala Gly Val Asp Arg Thr Tyr Leu
20     25     30
Tyr Leu Ser Pro Gly Ile Asn Leu Thr Pro Pro Gly Ser Pro Thr Leu
35     40     45
Thr Lys Ser Gly Leu Leu Arg Thr Asp Ser Ile Pro Glu Val Gly Glu
50     55     60
Asp Ala Ala Ala Thr Val Gly Met Ser Glu Thr Leu Ser Glu Glu Glu
65     70     75     80
Gln Asn Glu Leu Arg Lys Glu Leu Ala Lys Val Glu Glu Glu Ile Gln
85     90     95
Thr Leu Ser Gln Val Leu Ala Ala Lys Glu Lys His Leu Ala Glu Ile
100    105    110
Lys Arg Lys Leu Gly Ile Asn Ser Leu Gln Glu Leu Lys Gln Asn Ile
115    120    125
Thr Lys Ser Trp Gln Asp Val Thr Ser Thr Ala Ala Tyr Lys Lys Thr
130    135    140
Ser Glu Thr Leu Ser Gln Ala Gly Gln Lys Ala Ser Ala Ala Phe Ser
145    150    155    160
Ser Val Gly Ser Val Leu Ser Lys Lys Phe Glu Asp Val Lys Leu Gln
165    170    175
Ala Phe Ser His Ser Phe Ser Ile Arg Ser Ile Gln His Ser Ile Ser
180    185    190
Met Pro Ile Met Arg Asn Ser Pro Thr Phe Lys Ser Phe Glu Glu Lys
195    200    205
Val Glu Thr Leu Lys Ser Lys Val Gly Gly Ser Lys Pro Ala Ser Gly
210    215    220
Asp Phe Gly Glu Val Leu Asn Ser Ala Ala Asn Ala Ser Ala Thr Glu
225    230    235    240
Thr Ile Ala Glu Glu Thr Gln Glu Glu Thr His
245    250

```

```

<210> 4
<211> 224
<212> PRT
<213> Mus musculus

```

```

<400> 4
Met Glu Cys Arg Asp Met Glu Leu Ala Asp Asp Tyr Gln Ser Pro Phe
1      5      10      15
Asp Phe Asp Ser Gly Val Asn Lys Asn Tyr Leu Tyr Leu Ser Pro Ser
20     25     30
Gly Asn Thr Ser Pro Pro Gly Ser Pro Thr Gln Asn Val Gly Leu Leu
35     40     45
Lys Thr Glu Pro Val Ala Glu Glu Gly Glu Asp Ala Val Thr Met Ile

```


50		55		60
Ser Ala Pro Glu Ala Leu Thr Glu Glu Glu Gln Glu Glu Leu Arg Arg				
65		70		80
Glu Leu Thr Lys Val Glu Glu Glu Ile Gln Thr Leu Ser Gln Val Leu				
	85		90	95
Ala Ala Lys Glu Lys His Leu Ala Glu Ile Lys Arg Lys Leu Gly Ile				
	100		105	110
Ser Ser Leu Gln Glu Phe Lys Gln Asn Ile Ala Lys Gly Trp Gln Asp				
	115		120	125
Val Thr Ala Thr Asn Ala Tyr Lys Lys Thr Ser Glu Thr Leu Ser Gln				
	130		135	140
Ala Gly Gln Lys Ala Ser Ala Ala Phe Ser Ser Val Gly Ser Val Ile				
	145		150	155
Thr Lys Lys Leu Glu Asp Val Lys Asn Ser Pro Thr Phe Lys Ser Phe				
	165		170	175
Glu Glu Lys Val Glu Asn Leu Lys Ser Lys Val Gly Gly Ala Lys Pro				
	180		185	190
Ala Gly Gly Asp Phe Gly Glu Val Leu Asn Ser Thr Ala Asn Ala Thr				
	195		200	205
Ser Thr Met Thr Thr Glu Pro Pro Pro Glu Gln Met Thr Glu Ser Pro				
	210		215	220

<210> 5
 <211> 224
 <212> PRT
 <213> Homo sapiens

<400> 5
Met Asp Cys Arg Glu Met Asp Leu Tyr Glu Asp Tyr Gln Ser Pro Phe
1 5 10 15
Asp Phe Asp Ala Gly Val Asn Lys Ser Tyr Leu Tyr Leu Ser Pro Ser
20 25 30
Gly Asn Ser Ser Pro Pro Gly Ser Pro Thr Leu Gln Lys Phe Gly Leu
35 40 45
Leu Arg Thr Asp Pro Val Pro Glu Glu Gly Glu Asp Val Ala Ala Thr
50 55 60
Ile Ser Ala Thr Glu Thr Leu Ser Glu Glu Glu Gln Glu Glu Leu Arg
65 70 75 80
Arg Glu Leu Ala Lys Val Glu Glu Glu Ile Gln Thr Leu Ser Gln Val
85 90 95
Leu Ala Ala Lys Glu Lys His Leu Ala Glu Ile Lys Arg Lys Leu Gly
100 105 110
Ile Asn Ser Leu Gln Glu Leu Lys Gln Asn Ile Ala Lys Gly Trp Gln
115 120 125
Asp Val Thr Ala Thr Ser Ala Tyr Lys Lys Thr Ser Glu Thr Leu Ser
130 135 140
Gln Ala Gly Gln Lys Ala Ser Ala Ala Phe Ser Ser Val Gly Ser Val
145 150 155 160
Ile Thr Lys Lys Leu Glu Asp Val Lys Asn Ser Pro Thr Phe Lys Ser
165 170 175
Phe Glu Glu Lys Val Glu Asn Leu Lys Ser Lys Val Gly Gly Thr Lys
180 185 190
Pro Ala Gly Gly Asp Phe Gly Glu Val Leu Asn Ser Ala Ala Asn Ala
195 200 205
Ser Ala Thr Thr Thr Glu Pro Leu Pro Glu Lys Thr Gln Glu Ser Leu
210 215 220

<210> 6
 <211> 184
 <212> PRT
 <213> Homo sapiens

<400> 6

```

Met Asp Arg Gly Glu Gln Gly Leu Leu Arg Thr Asp Pro Val Pro Glu
 1          5          10          15
Glu Gly Glu Asp Val Ala Ala Thr Ile Ser Ala Thr Glu Thr Leu Ser
 20          25          30
Glu Glu Glu Gln Glu Glu Leu Arg Arg Glu Leu Ala Lys Val Glu Glu
 35          40          45
Glu Ile Gln Thr Leu Ser Gln Val Leu Ala Ala Lys Glu Lys His Leu
 50          55          60
Ala Glu Ile Lys Arg Lys Leu Gly Ile Asn Ser Leu Gln Glu Leu Lys
 65          70          75          80
Gln Asn Ile Ala Lys Gly Trp Gln Asp Val Thr Ala Thr Ser Ala Tyr
 85          90          95
Lys Lys Thr Ser Glu Thr Leu Ser Gln Ala Gly Gln Lys Ala Ser Ala
 100         105         110
Ala Phe Ser Ser Val Gly Ser Val Ile Thr Lys Lys Leu Glu Asp Val
 115         120         125
Lys Asn Ser Pro Thr Phe Lys Ser Phe Glu Glu Lys Val Glu Asn Leu
 130         135         140
Lys Ser Lys Val Gly Gly Thr Lys Pro Ala Gly Gly Asp Phe Gly Glu
 145         150         155         160
Val Leu Asn Ser Ala Ala Asn Ala Ser Ala Thr Thr Thr Glu Pro Leu
 165         170         175
Pro Glu Lys Thr Gln Glu Ser Leu
 180

```

<210> 7

<211> 248

<212> PRT

<213> Homo sapiens

<400> 7

```

Met Thr Pro Arg Glu Ser Ala Pro Gly Arg Gly Arg Ala Ala Pro Pro
 1          5          10          15
Arg Pro Thr Pro Leu Gly Val Gly Thr Ser Arg Glu Ser Pro Ala Glu
 20          25          30
Ala Arg Arg Ser Ser Ala Arg Arg Gly Gly Arg Ser Glu Pro Gly Arg
 35          40          45
Ala Ala Gly Gly Gly Ala Ala Glu Asp Thr Arg Arg Arg Ala Gly Asp
 50          55          60
Met Asp Arg Gly Glu Gln Gly Leu Leu Arg Thr Asp Pro Val Pro Glu
 65          70          75          80
Glu Gly Glu Asp Val Ala Ala Thr Ile Ser Ala Thr Glu Thr Leu Ser
 85          90          95
Glu Glu Glu Gln Glu Glu Leu Arg Arg Glu Leu Ala Lys Val Glu Glu
 100         105         110
Glu Ile Gln Thr Leu Ser Gln Val Leu Ala Ala Lys Glu Lys His Leu
 115         120         125
Ala Glu Ile Lys Arg Lys Leu Gly Ile Asn Ser Leu Gln Glu Leu Lys
 130         135         140
Gln Asn Ile Ala Lys Gly Trp Gln Asp Val Thr Ala Thr Ser Ala Tyr
 145         150         155         160
Lys Lys Thr Ser Glu Thr Leu Ser Gln Ala Gly Gln Lys Ala Ser Ala
 165         170         175
Ala Phe Ser Ser Val Gly Ser Val Ile Thr Lys Lys Leu Glu Asp Val
 180         185         190
Lys Asn Ser Pro Thr Phe Lys Ser Phe Glu Glu Lys Val Glu Asn Leu
 195         200         205
Lys Ser Lys Val Gly Gly Thr Lys Pro Ala Gly Gly Asp Phe Gly Glu
 210         215         220

```

Val Leu Asn Ser Ala Ala Asn Ala Ser Ala Thr Thr Thr Glu Pro Leu
 225 230 235 240
 Pro Glu Lys Thr Gln Glu Ser Leu
 245

<210> 8
 <211> 184
 <212> PRT
 <213> *Oryctolagus cuniculus*

<400> 8
 Met Asp Arg Gly Glu Gln Gly Leu Leu Arg Thr Asp Thr Val Pro Glu
 1 5 10 15
 Glu Ala Glu Asp Ala Ala Ala Thr Ile Ser Ala Thr Glu Thr Leu Ser
 20 25 30
 Glu Glu Glu Gln Glu Glu Leu Arg Arg Glu Leu Ala Lys Val Glu Glu
 35 40 45
 Glu Ile Gln Thr Leu Ser Gln Val Leu Ala Ala Arg Glu Lys His Leu
 50 55 60
 Ala Glu Ile Lys Arg Lys Leu Gly Ile Asn Ser Leu Gln Glu Leu Lys
 65 70 75 80
 Gln Asn Ile Ala Lys Gly Trp Gln Asp Val Thr Ala Thr Ser Ala Tyr
 85 90 95
 Lys Lys Thr Ser Glu Thr Leu Ser Gln Ala Gly Gln Lys Ala Ser Ala
 100 105 110
 Ala Phe Ser Ser Val Gly Ser Val Ile Thr Lys Lys Leu Glu Asp Val
 115 120 125
 Lys Asn Ser Pro Thr Phe Lys Ser Phe Glu Glu Lys Val Glu Asn Leu
 130 135 140
 Lys Ser Lys Val Gly Gly Thr Lys Pro Ala Gly Gly Asp Phe Gly Glu
 145 150 155 160
 Val Leu Asn Ser Thr Ala Asn Ala Ser Ala Thr Ser Gly Glu Pro Val
 165 170 175
 Pro Glu Gln Thr Gln Glu Gly Leu
 180

<210> 9
 <211> 185
 <212> PRT
 <213> *Mus musculus*

<400> 9
 Met Asp Arg Gly Glu Gln Gly Leu Leu Lys Thr Glu Pro Val Ala Glu
 1 5 10 15
 Glu Gly Glu Asp Ala Val Thr Met Leu Ser Ala Pro Glu Ala Leu Thr
 20 25 30
 Glu Glu Glu Gln Glu Glu Leu Arg Arg Glu Leu Thr Lys Val Glu Glu
 35 40 45
 Glu Ile Gln Thr Leu Ser Gln Val Leu Ala Ala Lys Glu Lys His Leu
 50 55 60
 Ala Glu Ile Lys Arg Lys Leu Gly Ile Ser Ser Leu Gln Glu Phe Lys
 65 70 75 80
 Gln Asn Ile Ala Lys Gly Trp Gln Asp Val Thr Ala Thr Asn Ala Tyr
 85 90 95
 Lys Lys Thr Ser Glu Thr Leu Ser Gln Ala Gly Gln Lys Ala Ser Ala
 100 105 110
 Ala Phe Ser Ser Val Gly Ser Val Ile Thr Lys Lys Leu Glu Asp Val
 115 120 125
 Lys Asn Ser Pro Thr Phe Lys Ser Phe Glu Glu Lys Val Glu Asn Leu
 130 135 140
 Lys Ser Lys Val Gly Gly Ala Lys Pro Ala Gly Gly Asp Phe Gly Glu

145 150 155 160
 Val Leu Asn Ser Thr Ala Asn Ala Thr Ser Thr Met Thr Thr Glu Pro
 165 170 175
 Pro Pro Glu Gln Met Thr Glu Ser Pro
 180 185

<210> 10
 <211> 32
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 10
 cctgaactgt ttgtacctct gggccatatt gc 32

<210> 11
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 11
 caaatttctg aagagtaggt gatccgggtg gag 33

<210> 12
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 12
 tctaaagtag ggggaaccaa gcctgctggt ggtg 34

<210> 13
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 13
 actgatagat ggaatttatt aagcttttca catg 34

<210> 14
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 14
 caagttaact gagctttttc ttaatttcat tcc 33

<210> 15
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 15
 gttggtacct ccacagaaga tgtttatttg atgtaac 37

<210> 16
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 16
 agtcaataga agccggcg 18

<210> 17
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 17
 ggggatttag agggttctgt 20

<210> 18
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 18
 gcctgaactg tttgtacctc tg 22

<210> 19
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 19
 gagtagtgga tccgggtgga gatg 24